

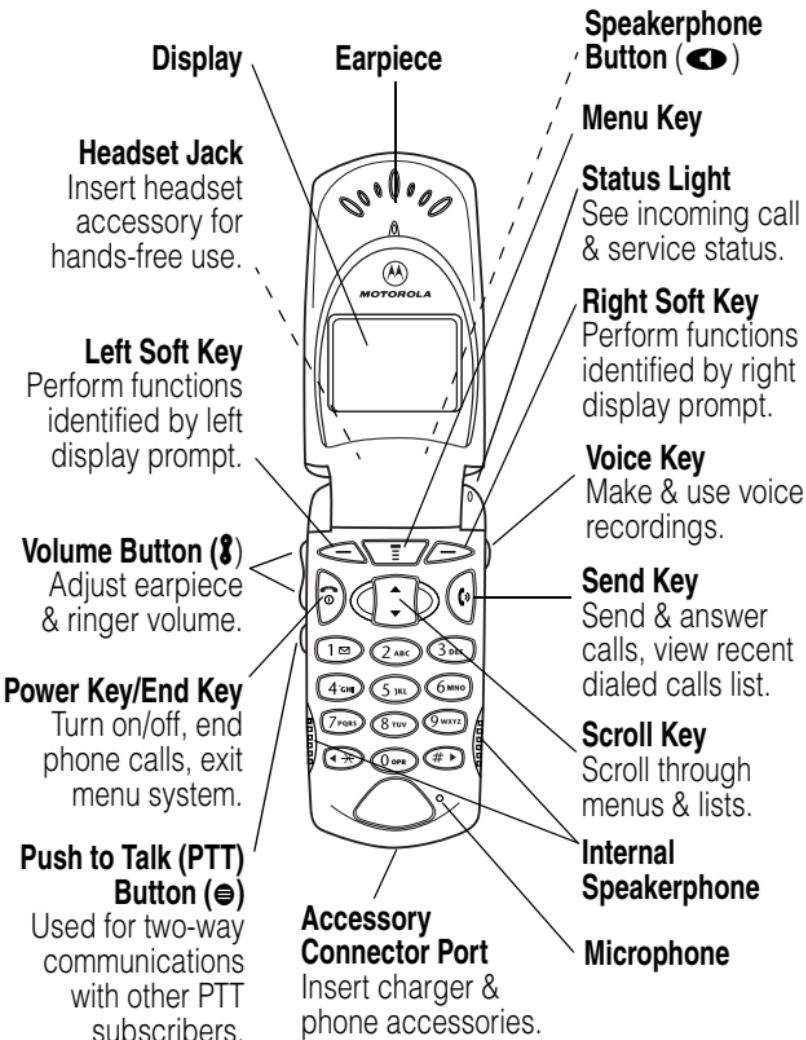


MOTOROLA

START HERE >

Welcome

Welcome to the world of Motorola digital wireless communications! We are pleased that you have chosen the Motorola V60p wireless phone with Push to Talk (PTT) capability.



Personal Communications Sector

600 North U.S. Highway 45

Libertyville, Illinois 60048

1-800-331-6456 (United States)

1-888-390-6456 (TTY/TDD United States)

1-800-461-4575 (Canada)

www.motorola.com (United States)

www.motorola.ca (Canada)

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Menu Map

Main Menu

- Phonebook
- Recent Calls
 - Received Calls
 - Dialed Calls
 - Notepad
 - Call Times
- Messages
 - Voicemail
 - Create Message
 - Inbox
 - Outbox
 - Quick Notes
 - Drafts
 - Browser Alerts
- Radio *
- Get It Now
 - Get It Now Shop
- Browser
- Settings
 - (see next page)
- Ring Styles
 - Style
 - Style Detail
 - My Tones
- Picture Viewer
- Shortcuts
- Calculator
- Datebook
- Voice Record

* This is the standard phone menu layout. Menu organization and feature names may vary on your phone. Not all features may be available for all users.

For example, the **Radio** feature (left) is available only when the optional FM Stereo Radio Headset accessory is plugged into your phone.

Shortcuts

Change display text zoom:
Press  , then press and hold  (does not zoom graphics).

Display my phone number:
Press  # .

Dial voicemail number:
Press and hold  1 # .

Go to dialed calls list:
Press .

Exit menu system:
Press .

Go to PTT Contacts List:
Press .

Settings Menu

- **Ring Styles**
 - Style
 - Style Detail
 - My Tones
- **Phone Status**
 - My Tel. Number
 - Active Line
 - Battery Meter
 - Other Information
- **Browser Setup**
- **Connection**
 - Incoming Call
- **In-Call Setup**
 - In-Call Timer
 - Answer Options
- **Security**
 - Phone Lock
 - Lock Application
 - Restrict Calls
 - New Passwords
- **Location**
- **Other Settings**
 - Personalize
 - Main Menu
 - Keys
 - Greeting
 - Screen Saver
 - Banner
 - Initial Setup
 - Time and Date
 - SpeakerPhone
 - Auto PIN Dial
 - Auto Redial
 - Backlight
 - Status Light
 - Zoom
 - TTY Setup
 - Scroll
 - Animation
 - Language
 - Contrast
 - DTMF
 - Master Reset
 - Master Clear
 - Network
 - Current Network
 - Analog Only
 - Set Mode
 - Srvc Status
 - Service Tone
 - Call Drop Tone
 - Car Settings
 - Auto Answer
 - Auto Hands-Free
 - Power-Off Delay
 - Charger Time
 - Headset
 - Auto Answer

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About This Guide

This user guide introduces you to the many features in your Motorola wireless phone.

Navigating To a Menu Feature

Use the menu system to access your phone's features. This guide shows you how to select a menu feature as follows:

Find the Feature



> **Messages**
> **Create Message**

This example shows that you must press , scroll to and select **Messages**, then scroll to and select **Create Message**.

Optional Features



This label identifies an optional network or subscription-dependent feature that may not be offered by Verizon Wireless in all geographical areas. Contact Verizon Wireless for more information.

Optional Accessories



This label identifies a feature that requires an optional Motorola Original™ accessory.

Safety and General Information

IMPORTANT INFORMATION ON SAFE AND EFFICIENT OPERATION.
READ THIS INFORMATION BEFORE USING YOUR PHONE.

The information provided in this document supersedes the general safety information in user guides published prior to December 1, 2002.

Exposure To Radio Frequency (RF) Energy

Your phone contains a transmitter and a receiver. When it is ON, it receives and transmits RF energy. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.

Your Motorola phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

Operational Precautions

To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards, always adhere to the following procedures.

External Antenna Care

Use only the supplied or Motorola-approved replacement antenna. Unauthorized antennas, modifications, or attachments could damage the phone.

Do NOT hold the external antenna when the phone is IN USE. Holding the external antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

Phone Operation

When placing or receiving a phone call, hold your phone as you would a wireline telephone.

Body-Worn Operation

To maintain compliance with RF energy exposure guidelines, if you wear a phone on your body when transmitting, always place the phone in a Motorola-supplied or approved clip, holder, holster, case, or body harness for this phone, if available. Use of accessories not approved by Motorola may exceed RF energy exposure guidelines. If you do not use one of the body-worn accessories approved or supplied by Motorola, and are not using the phone held in the normal use position, ensure the phone and its antenna are at least 1 inch (2.5 centimeters) from your body when transmitting.

Data Operation

When using any data feature of the phone, with or without an accessory cable, position the phone and its antenna at least 1 inch (2.5 centimeters) from your body.

Approved Accessories

Use of accessories not approved by Motorola, including but not limited to batteries and antenna, may cause your phone to exceed RF energy exposure guidelines. For a list of approved Motorola accessories, visit our website at www.Motorola.com.

RF Energy Interference/Compatibility

Note: Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

Facilities

Turn off your phone in any facility where posted notices instruct you to do so. These facilities may include hospitals or health care facilities that may be using equipment that is sensitive to external RF energy.

Aircraft

When instructed to do so, turn off your phone when on board an aircraft. Any use of a phone must be in accordance with applicable regulations per airline crew instructions.

Medical Devices

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (15 centimeters) be maintained between a handheld wireless phone and a pacemaker.

Persons with pacemakers should:

- ALWAYS keep the phone more than 6 inches (15 centimeters) from your pacemaker when the phone is turned ON.
- NOT carry the phone in the breast pocket.
- Use the ear opposite the pacemaker to minimize the potential for interference.
- Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

Hearing Aids

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

Other Medical Devices

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

Use While Driving

Check the laws and regulations on the use of phones in the area where you drive. Always obey them.

When using your phone while driving, please:

- Give full attention to driving and to the road.
- Use hands-free operation, if available.
- Pull off the road and park before making or answering a call if driving conditions so require.

Responsible driving best practices may be found in the “Wireless Phone Safety Tips” at the end of this manual and at the Motorola website:

www.Motorola.com/callsmart.

Operational Warnings

For Vehicles With an Air Bag

Do not place a phone in the area over an air bag or in the air bag deployment area. Air bags inflate with great force. If a phone is placed in the air bag deployment area and the air bag inflates, the phone may be propelled with great force and cause serious injury to occupants of the vehicle.

Potentially Explosive Atmospheres

Turn off your phone prior to entering any area with a potentially explosive atmosphere, unless it is a phone type especially qualified for use in such areas and certified as “Intrinsically Safe.” Do not remove, install, or charge batteries in such areas. Sparks in a potentially explosive atmosphere can cause an explosion or fire resulting in bodily injury or even death.

Note: The areas with potentially explosive atmospheres referred to above include fueling areas such as below decks on boats, fuel or chemical transfer or storage facilities, areas where the air contains chemicals or particles, such as grain, dust, or metal powders. Areas with potentially explosive atmospheres are often but not always posted.

Blasting Caps and Areas

To avoid possible interference with blasting operations, turn OFF your phone when you are near electrical blasting caps, in a blasting area, or in areas posted “Turn off electronic devices.” Obey all signs and instructions.

Batteries

Batteries can cause property damage and/or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touch exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse, or other container with metal objects. **Use only Motorola original batteries and chargers.**

Your battery or phone may contain symbols, defined as follows:

Symbol	Definition
	Important safety information will follow.
	Your battery or phone should not be disposed of in a fire.
	Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information.
	Your battery or phone should not be thrown in the trash.
	Your phone contains an internal lithium ion battery.

Seizures/Blackouts

Some people may be susceptible to epileptic seizures or blackouts when exposed to blinking lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.

If you have experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor before playing video games on your phone or enabling a blinking-lights feature on your phone. (The blinking-light feature is not available on all products.)

Parents should monitor their children's use of video game or other features that incorporate blinking lights on the phones. All persons should discontinue use and consult a doctor if any of the following symptoms occur: convulsion, eye or muscle twitching, loss of awareness, involuntary movements, or disorientation.

To limit the likelihood of such symptoms, please take the following safety precautions:

- Do not play or use a blinking-lights feature if you are tired or need sleep.
- Take a minimum of a 15-minute break hourly.
- Play in a room in which all lights are on.
- Play at the farthest distance possible from the screen.

Repetitive Motion Injuries

When you play games on your phone, you may experience occasional discomfort in your hands, arms, shoulders, neck, or other parts of your body. Follow these instructions to avoid problems such as tendonitis, carpal tunnel syndrome, or other musculoskeletal disorders:

- Take a minimum 15-minute break every hour of game playing.
- If your hands, wrists, or arms become tired or sore while playing, stop and rest for several hours before playing again.
- If you continue to have sore hands, wrists, or arms during or after play, stop playing and see a doctor.

Getting Started

What's in the Box?



Getting Started

Your wireless phone typically comes equipped with a battery and a charger. Other accessory options can customize your phone for maximum performance and portability.

To purchase Motorola Original™ accessories, contact the Motorola Customer Call Center at 1-800-331-6456 in the United States or 1-800-461-4575 in Canada.

Installing the Battery

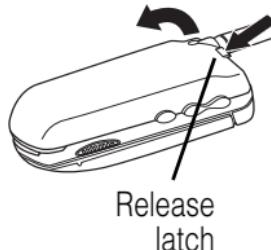
You must install and charge the battery to use your phone.



Your phone is designed to be used only with Motorola Original batteries and accessories. We recommend that you store batteries in their protective cases when not in use.

Action

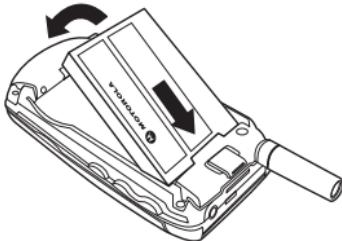
- 1 Remove the battery from its protective clear plastic case.
- 2 If necessary, push down the battery door release latch and lift the door off of the phone.



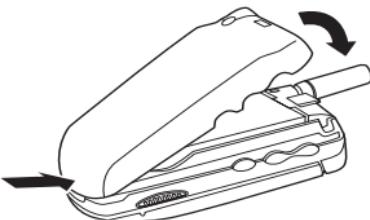


Action

- 3 Insert the battery, printed arrow first, **under the tab** at the top of the battery compartment and push down.



- 4 Insert the ridge at the bottom of the battery door into the base of the phone, then push the door down and snap it into place.

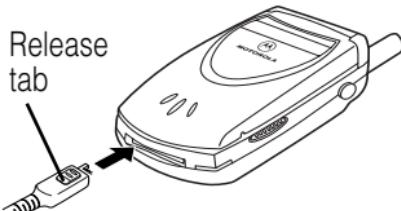


Charging the Battery

New batteries are shipped partially charged. Before you can use your phone, you need to install and charge the battery. Some batteries perform best after several full charge/discharge cycles.

Action

- 1 Plug the travel charger into your phone with the release tab facing up.



Action

- 2** Plug the other end of the travel charger into the appropriate electrical outlet.
- 3** When your phone indicates that the battery is fully charged (**Charge Complete**), press the release tab and remove the travel charger.



Note: When you charge the battery, the battery level indicator in the upper right corner of the display flashes and shows how much of the charging process is complete.

Changing the Convertible Covers



You can replace the flip cover and battery cover on your phone to personalize its appearance. Matching front and back cover sets are available in a variety of colors and designs.

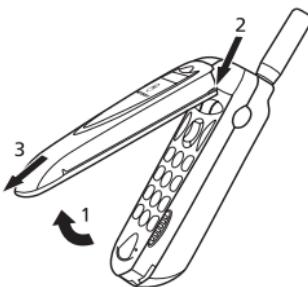
Your phone is designed to be used only with Motorola Original accessories. See your Motorola retailer for these convertible covers.



Remove a Flip Cover

Action

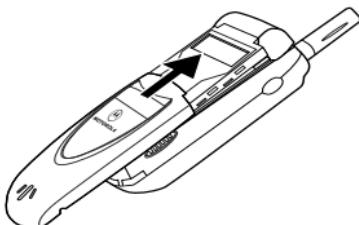
- 1** Open your flip phone *half way*.
- 2** Press in the tiny silver release button. This button is on the side of the top half of the phone.
- 3** While pressing the silver button in, slide the cover off.



Attach a Flip Cover

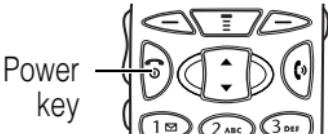
Action

- 1** Close your flip phone.
- 2** Line up the ridges on each side of the cover so they align with the slots on the phone.



- 3** Slide the cover onto the phone until it snaps into place.

Turning On Your Phone

Action	To
1 Open your phone	expose the keypad
2 Press and hold  for three seconds	turn on your phone
	
3 If necessary, enter your 4-digit unlock code and press OK ()	<p>unlock your phone</p> <p>The unlock code is originally set to 1234. Verizon Wireless may change this number before you receive your phone.</p>



Making a Call

Press	To
1 the keypad keys	dial the phone number
<p>Tip: If you make a mistake, press DELETE () to delete the last digit, or press and hold DELETE () to delete all digits.</p>	
2 	make the call

Ending a Call

Press

① or close the flip



Answering a Call

When you receive a call, your phone rings and/or vibrates and displays an incoming call message.

Press

① or ANSWER (⇨) or open the flip.

Note: If your phone is locked, you must unlock it to answer the call.

Seeing Your Phone Number

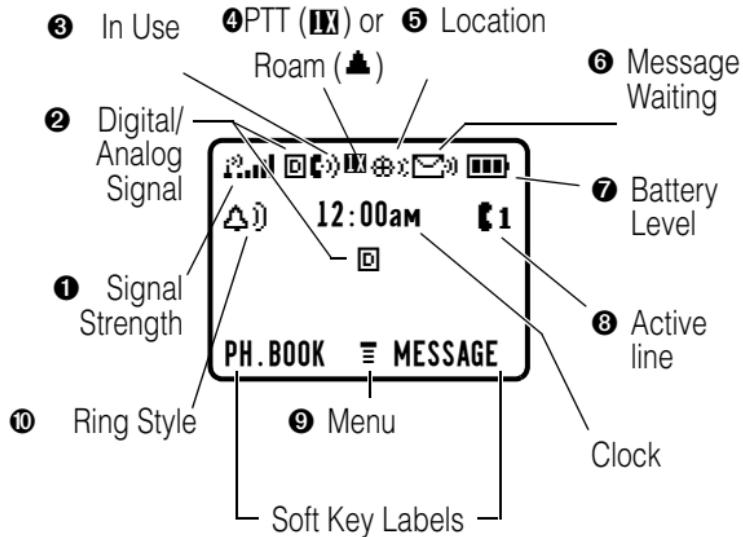
Press



About Your Phone

See page 1 for a basic phone diagram.

Using the Display



The *idle display* is the standard display that you see when you are *not* on a call or using the menu.

Labels at the bottom corners of the display show the current soft key functions. A \equiv (menu) indicator at the bottom center of the display indicates that you can press \equiv to enter the main menu.

① Signal Strength Indicator Vertical bars show the strength of the network connection. You cannot make or receive calls only when the  (no signal) indicator displays.



② Digital or Analog Signal Indicator Shows whether you are receiving a digital or analog signal.

③ In Use Indicator Shows that a phone call is in progress.



④ PTT Indicator Shows that your phone is connected to the PTT network and if the network is available  or unavailable .

or



Roam Indicator Shows that your phone is seeking or using another network system outside your home network.

Note: When the Roam indicator displays, you can still make and receive PTT calls when you are in the 1X coverage area and connected to the PTT network.



⑤ Location Information Indicator Indicates when your Location Information is available  or unavailable .



⑥ Message Waiting Indicator Appears when you receive a voicemail or text message.

⑦ Battery Level Indicator Vertical bars show the battery charge level. Recharge the battery when you see **Low Battery** and hear the low battery alert.



⑧ Active Line Indicator Shows the current active phone line.

⑨ Menu Indicator Indicates that you can press to enter the main menu or open a feature sub-menu.

⑩ Ring Style Indicator Shows the ring style setting.



= loud ring

= soft ring

= vibrate

= vibrate and ring

= silent

Zooming In and Out

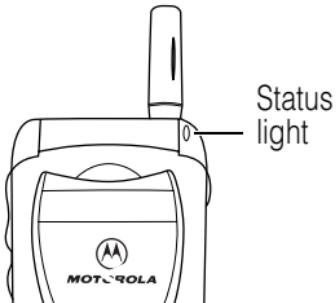
Press and release , then press and hold to zoom the text in and out on the display. Zoom in to increase text size, zoom out to display more information.

Note: You must continue to hold until you see the increase or decrease in text size.



Using the Status Light

The status light shows when you have an incoming call or message, or when your phone is *roaming* (using a non-home system).



Indication	Status
Alternating red/green	Incoming call
Flashing green	In service, home system
Flashing yellow	Roaming, non-home system
Flashing red	No service

The status light initially is turned off to extend battery life. To turn it on, see "Initial Setup" on page 82.

Note: Turning on the status light substantially reduces your phone's *standby time*, the length of time that your phone's battery retains power when the phone is turned on but is not in use.

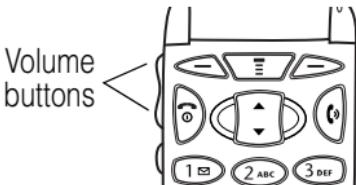
Adjusting the Volume

Press the up and down volume buttons to:

- increase and decrease earpiece volume during a call
- increase and decrease the ringer volume setting when the idle display is visible (flip must be open)

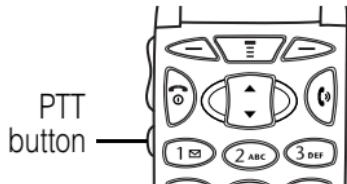
Tip: At the lowest volume setting, press the down volume button to switch to silent alert. Press the up volume button to reset ring alert.

- turn off an incoming call alert



Using the PTT Button

Press the PTT button (◐) for immediate access to your PTT Contacts list (flip must be open). For detailed information, see “Push to Talk (PTT) Calls” on page 30.



Note: If the PTT network is not available, **Network Not Available** displays briefly.

Using the External Display

When the flip is closed, the external display shows the time and date. It also displays messages to notify you of incoming phone and PTT calls and other events. You



can perform the following functions in the external display.



Note: Because the microphone and earpiece are unavailable when the phone is closed, you must use a headset or other hands-free device with this feature.

Battery Use

Battery performance depends on many factors, including your wireless carrier's network configuration; signal strength; the temperature at which you operate your phone; the features and/or settings you select and use; and your voice, data, and other application usage patterns.

Battery Care

Caution: To prevent injuries or burns, do not allow metal objects to contact or short-circuit the battery terminals.

To maximize your battery's performance:

- Always use Motorola Original™ batteries and battery chargers. The phone warranty does not cover damage caused from using non-Motorola batteries and/or battery chargers.

- New batteries or batteries that have been stored for a long time may require a longer charge time.
- Maintain the battery at or near room temperature when charging.
- Do not expose batteries to temperatures below -10°C (14°F) or above 45°C (113°F). Always take your phone with you when you leave your vehicle.
- When you do not intend to use a battery for a while, store it uncharged in a cool, dark, dry place, such as a refrigerator.
- Over extended periods of time, batteries gradually wear down and require longer charging times. This is normal. If you charge your battery regularly and notice a decrease in talk time or an increase in charging time, then it is probably time to purchase a new battery.



The rechargeable batteries that power this phone must be disposed of properly and may need to be recycled. Refer to your battery's label for battery type. Contact your local recycling center for proper disposal methods.

Warning: Never dispose of batteries in a fire because they may explode.



Push to Talk (PTT) Calls

PTT is a two-way feature that lets you talk walkie-talkie style with other Verizon Wireless PTT subscribers. With PTT, you can start a Private One-to-One Call to communicate with an individual, or you can start a Group Call to communicate with a group of people at the same time.

You can start a PTT call by:

- Selecting a name or number from your PTT contacts list
 - Entering a PTT number from the keypad
 - Selecting a name or number from your **Dialed Calls, Received Calls, or Phonebook** lists

Private One-to-One Calls

You can start a Private call to 1 person either as an Alert or Barge call.

- Alert call sends a call alert tone to inform the person of your incoming call.
- Barge call lets you talk immediately to the called person without sending a call alert tone.

Group Calls

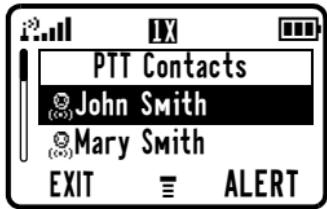
You can start a Group call with all available members of a group that you have set up in your PTT contacts list. However, as with a Private call, you cannot start a Group call as an Alert call, only as a Barge call.

Setting Up Your Contacts List

You can set up your contacts list by going to the Verizon Wireless Push to Talk Contact Management website at www.vzwpushtotalk.com.

Viewing Your PTT Contacts List

To see the contacts in your PTT contacts list, press the push to talk (PTT) button (≡) from the idle display. Presence icons display to the left of the individual or group names to indicate online or offline status. When an individual is online, ☺ displays. When a group is online, ☺ displays. When an individual or group is offline, X displays.



Sorting Your PTT Contacts List

After you have set up your PTT contacts list, you can sort it by name or by status. When you sort by name, the list displays in alphabetical order. When you sort by status (online/offline), the list displays the first available online contact, by presence icon, in alphabetical order.

Press	To
1 ☰	display the PTT Contacts list
2 ☳	display the Contacts Menu
3 ☱	highlight Setup
4 SELECT (➡)	display the Setup menu
5 CHANGE (➡)	display the Sort by menu
6 ☲	highlight Name or Status
7 SELECT (➡)	sort the list
8 DONE (⬅)	exit

“Open To” Sorting in PTT Contacts List

You can sort your PTT contacts list alphabetically by name (**Top of List**), or by the last call you received (**Last Call**).

Press	To
1 ☰	display the PTT Contacts list
2 ☳	display the Contacts Menu
3 ☱	highlight Setup
4 SELECT (➡)	display the Setup menu
5 ☲	highlight Open To
6 CHANGE (➡)	display the Open To menu
7 ☲	highlight Top of List or Last Call
8 SELECT (➡)	sort the list
9 DONE (⬅)	exit

Turning On/Off the Speakerphone

Your PTT and wireless phone has a high-quality, dedicated internal speakerphone.

Press	To
	turn on or turn off the speakerphone
SPEAKER (▷), when displayed	turn on or turn off the speakerphone during a PTT call
	When SPEAKER displays, the speakerphone is off. When SPEAKER displays, the speakerphone is on. For privacy, turn off the speakerphone and use the earpiece for listening.

Notes:

To set the speakerphone to **Always On** or to a **20 sec timeout**, see pages 77 and 82.

When you turn off your phone, the speakerphone resets to **Off**.



PTT Calling States

Presence icons indicate when individuals and/or groups in your contacts list are online. Call tones, text, and icons keep you informed of the calling state during PTT calls, refer to the following sections.

Presence Icons

The table below show the icons displayed in the PTT contacts list to indicate if an individual or group is available for PTT calls.

Icon	Status
	User is online.
	Group is online.
	Individual or group is offline.

Call Tones

The table below describes the call tones sent and received during PTT calls.

Note: These tones can not be customized.

Tone	Description
Alert Tone	When you start or receive an Alert call, 2 short high-pitched beeps sound.
Ring Back	When you alert a called party, a high-pitched rhythmic tone sounds.

Tone	Description
Announce Barge Call	When you receive a Barge call, 2 short low-pitched beeps sound.
OK to Talk	A short chirp sounds to let you know you can talk.
Floor Control Available	After the other party releases  , a short beep sounds.
Floor Control Unavailable	When the other party has floor control and you press  , a long beep sounds.
Busy Tone	When you call a party who is already on another call, 3 long beeps sound.
Call Refused or Unavailable	When the called party is unavailable to take your call, a long beep (same as Floor Control Unavailable) sounds.

Icons and Text

The table below describes the icons and text displayed on the screen during PTT calls.

Icon/Text	Displays
To Alert, Press and Release PTT Button	After you have selected a contact to send an Alert call to.
 Alerting... John	After you press  when sending an Alert call.





Icon/Text	Displays
Alert from John	When you receive an Alert call.
Connecting... John	When you are calling an individual.
Connecting... Group	When you are calling a group.
Talking to John	When you are talking to an individual and you have floor control.
Talking to SalesTeam	When you are talking to a group and you have floor control.
Listening to John	When an individual is talking and has floor control.
Listening to John	When a member of group is talking and has floor control. Note: When a member of a group is talking, the member's name displays, not the group name.
Connected John	When connected to an individual and floor control is available.
Connected Group	When connected to a group and floor control is available.
Call Ended John	When an individual call has ended.

Icon/Text	Displays
Call Ended Group	When a group call has ended.
John Busy	When the called party is on another call.
Alert Failed	When the network cannot be accessed while attempting to start an Alert call.
Call Failed	When the network cannot be accessed while attempting to start a Barge call.
John Unavailable	When the called party is unavailable, offline, does not respond to the incoming call, or presses IGNORE (➡).



Basic PTT Instructions

The table below describes actions during PTT calls.

Note: The actions are not necessarily in the exact order of events.

Action	To
From the idle display, press and release ☰	display the PTT contacts list Note: There are other ways to select a contact, see page 39.
Press ☰ in the contacts list	highlight a name, group, or number to call



Action	To
Press ALERT (➡), then press and release Ⓜ, and wait for the OK to Talk Tone	send an Alert Tone to start an Alert call with a highlighted entry Note: This action applies to Alert calls only.
After the OK to Talk tone , press and hold Ⓜ	talk Important: If you do not wait for the OK to Talk tone, part of your message may be lost.
Press and hold Ⓜ	start a Barge call with a highlighted group Note: This action applies to Barge calls only.
If no one talks (Ⓜ is not pressed and held) for 20 seconds or more during a call, the call automatically disconnects. Press Ⓛ to return to the idle display, or close the flip.	
Release Ⓜ	make floor control available
Press EXIT (➡) or Ⓛ	end the call

Making PTT Calls

When **IX** displays at the top of the screen, you can make and receive PTT calls.

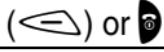
Important: Refer to “PTT Calling States” on page 34 for information about alert tones, icons, and text displays.

Making a Barge Call from the PTT Contacts List

Action	To
1 Press 	display the PTT Contacts list
2 Press 	highlight the name or number of the group to call
3 Press and hold  , and wait for the OK to Talk tone	start the call
4 After the OK to Talk tone, continue to hold 	talk
5 Release 	allow another party to talk
6 Press EXIT () or 	end the call



Making a Barge Call from the Idle Display Using the Keypad

Action	To
1 From the idle display, push the appropriate keys on the keypad	enter the PTT number of the group to call Note: As you enter the number, it is compared against entries in the PTT contacts list for a match. If a match is found, the group name replaces the number entered.
2 Press and hold  , and wait for the OK to Talk tone	start the call
3 After the OK to Talk tone, continue to hold 	talk
4 Release 	allow another party to talk
5 Press EXIT () or 	end the call

Making a Barge Call from the Dialed and Received Calls List

Find the Feature

Recent Calls

Action	To
1 Press SELECT (▷), then press ☎	enter the Recent Calls menu, then to highlight Dialed Calls or Received Calls
2 Press SELECT (▷)	open the list
3 Press ☎	highlight the group name or number to call
4 Press and hold ☎, and wait for the OK to Talk tone	start the call
5 After the OK to Talk tone, continue to hold ☎	talk
6 Release ☎	allow another party to talk
7 Press EXIT (◁) or ☎	end the call



Push to Talk (PTT) Calls

Making a Barge Call from the Phonebook

Find the Feature

 > Phonebook

Action	To
1 Press 	scroll through the Phonebook list and highlight the group name or number to call
2 Press and hold  , and wait for the OK to Talk tone	start the call
3 After the OK to Talk tone, continue to hold down 	talk
4 Release 	allow the other party to talk
5 Press EXIT () or 	end the call

Making an Alert Call from the PTT Contacts List

Action	To
1 Press 	display the PTT Contacts list
2 Press 	highlight the name or number of the person to call
3 Press ALERT ()), then press and release 	send the Alert Tone and start the call
4 After the called party responds, then releases floor control to you, press and hold  , and wait for the OK to Talk tone	
5 After the OK to Talk tone, continue to hold down 	talk
6 Release 	allow the other party to talk
7 Press EXIT () or 	end the call



Making an Alert Call from the Idle Display Using the Keypad

Action	To
1 From the idle display, push the appropriate keys on the keypad	enter the PTT number of the person to call Note: As you enter the number, it is compared against entries in the contacts list for a name match. If a match is found, the name replaces the number.
2 Press 	display the Dialing Menu
3 Press 	(if required) highlight Alert
4 Press SELECT () , then press and release 	send the Alert Tone and start the call
5 After the called party responds, then releases floor control to you, press and hold  , and wait for the OK to Talk tone	

Action	To
6 After the OK to Talk tone, continue to hold down ☎	talk
7 Release ☎	allow the other party to talk
8 Press EXIT (◀) or ☎	end the call

Making an Alert Call from the Dialed and Received Calls List

Find the Feature  > Recent Calls

Action	To
1 Press SELECT (▷), then press ☎	enter the Recent Calls menu, then to highlight Dialed Calls or Received Calls
2 Press SELECT (▷)	enter the highlighted list
3 Press ☎	highlight an entry from the list
4 Press 	enter the Last Calls Menu
5 Press ☎	highlight Alert
6 Press SELECT (▷), then press and release ☎	send the Alert Tone and start the call



Action	To
7 After the called party responds, then releases floor control to you, press and hold  , and wait for the OK to Talk tone	
8 After the OK to Talk tone, continue to hold down 	talk
9 Release 	allow the other party to talk
10 Press EXIT () or 	end the call

Making an Alert Call from the Phonebook

Find the Feature

 > Phonebook

Action	To
1 Press 	highlight a phonebook entry
2 Press 	display the Phonebook Menu
3 Press 	scroll to Alert
4 Press SELECT ( , then press and release 	send the Alert Tone and start the call
5 After the called party responds, then releases floor control to you, press and hold  , and wait for the OK to Talk tone	
6 After the OK to Talk tone, continue to hold down 	talk
7 Release 	allow the other party to talk
8 Press EXIT () or 	end the call



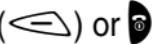
Push to Talk (PTT) Calls

Answering PTT Calls

Important: Refer to “PTT Calling States” on page 34 for information about alert tones, icons, and text displays received while answering PTT calls.

Answering a Barge Call

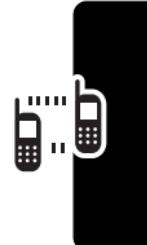
When you receive a Barge call (when the flip is open or closed), the **Announce Barge Call** tone sounds and your phone immediately goes into **Listening** mode.

Action	To
1 When the caller releases floor control to you, press and hold  , and wait for the OK to Talk tone	
2 After the OK to Talk tone, continue to hold down 	talk
3 Release 	allow the other party to talk
4 Press EXIT () or 	end the call

Answering an Alert Call

When you receive an Alert call, the **Alert Tone** sounds and **Alert from (name or number)** displays.

Action	To
1 After the Alert Tone , press ANSWER (⇨)	answer the call
2 Press and hold ≡ , and wait for the OK to Talk tone	
3 After the OK to Talk tone, continue to hold down ≡	talk
4 Release ≡	allow the other party to talk
5 Press EXIT (⇦) or ⑤	end the call



Answering an Alert Call When the Flip is Closed

When you receive an Alert call, the **Alert Tone** sounds and **Alert from (name or number)** appears on the external display.

Action	To
1 After the Alert Tone , press and release 	answer the call
2 Press and hold  , and wait for the OK to Talk tone	
3 After the OK to Talk tone, continue to hold down 	talk
4 Release 	allow the other party to talk
5 Open the flip, then press EXIT ( or  <td>end the call</td>	end the call

Cancelling an Incoming Call

Action	To
During the call alert tone, press  or IGNORE ( <td>cancel an incoming PTT call</td>	cancel an incoming PTT call

Missed Alert Call

When an Alert call is missed, **Missed Call** displays.

Note: Your phone does not notify you of missed Barge calls.

Action	To
1 Press View ( <td>display the Received Calls list</td>	display the Received Calls list
2 Press 	scroll through the list
3 Press 	return the call



Making and Answering Phone Calls

For basic instructions on how to make, answer, and end a phone call, see pages 21-22.

Redialing a Number

If you hear an ordinary busy signal:

Press	To
1	hang up
2	redial the busy number

Using Automatic Redial



If the network is busy, you hear a fast busy signal, and your phone displays **Call Failed**.

With automatic redial, your phone automatically redials the number for four minutes. When the call goes through, your phone rings or vibrates one time, displays **Redial Successful**, and then connects the call.

You must turn on automatic redial to use the feature. See “**Auto Redial**” on page 83.

When automatic redial is turned off, you can manually activate the feature to redial a phone number. When you hear a fast busy signal and see **Call Failed**:

Press	To
or RETRY ()	activate automatic redial

Using Caller ID

 *Calling line identification* (caller ID) displays the phone number for incoming calls.

The phone displays the caller's name when the name is stored in your phonebook, or **Incoming Call** when caller ID information is not available.

Returning an Unanswered Call

Your phone keeps a record of your unanswered calls, and displays:

- the (missed call) indicator
- X Missed Calls Y Unknown**, where X is the total number of missed calls and Y is the number of missed calls with no caller ID information

Press	To
1 VIEW ()	see the received calls list
2	select a call to return
3	make the call



Calling an Emergency Number

Verizon Wireless programs one or more emergency phone numbers, such as 911, that you can call under any circumstances, even when your phone is locked.

Note: Emergency numbers vary by country. Your phone's pre-programmed emergency number(s) may not work in all locations, and sometimes an emergency call cannot be placed due to network, environmental, or interference issues.

Press	To
1 keypad keys	dial the emergency number
2	call the emergency number

Turning Off a Call Alert

You can turn off your phone's incoming call alert before answering the call.

Press	To
either volume button	turn off the alert

Cancelling an Incoming Call

While the phone is ringing or vibrating:

Press	To
① or IGNORE (◀)	cancel the incoming call



Depending on your phone settings and/or service subscription, the call may be forwarded to voice mail, another number, or the caller may hear a busy signal.

Calling With Speed Dial

Each entry you store in your phonebook is assigned a unique *speed dial* number. To speed dial a phonebook entry:

Press	To
1 keypad keys	enter the speed dial number for the entry you want to call
2 # ▶	submit the number
3 ①	call the entry

Note: Some networks let you skip this step for speed dial numbers 1 through 99.



Calling With One-Touch Dial

To call phonebook entries 1 through 9, just press and hold the one-digit speed dial number for one second.

We recommend that you reserve phonebook entry 1 (speed dial number 1) for storing and dialing your voicemail number. In many cases, Verizon Wireless has already done this for you. See page 93 to store your voicemail number for one-touch dial access.

Calling a Number In a Text Message



To call a phone number embedded in a text message that you receive, highlight or open the message and then:

Press	To
1	open the Inbox Menu
2	scroll to Call Back
3 SELECT ()	call the number



Additional Calling Features

While dialing (with digits visible in the display), open the **Dialing Menu** to perform the following tasks:

Press	To
> Attach Number	attach a number from the phonebook or recent call lists

Press	To
 > Insert Pause	insert a p (pause) character For more information, see page 96.
 > Insert Wait	insert a w (wait) character For more information, see page 96.
 > Insert 'n'	insert an n (number) character For more information, see page 97.
 > Send Message	open a new text message with the number in the To field

You can also call a number using these features:

Press	To
Press and release the voice key, then say a voice name	<p>add a phonebook entry using voice dial</p> <p>To record a voice name, see page 97.</p> 
 > Recent Calls > Received Calls or Dialed Calls > entry to call	a missed call, or a recent received or dialed call

Using Features While On a Phone Call

Using Call Waiting



When you are on a call, an alert tone sounds to indicate that you have received a second call.

Press	To
1	answer the new call
ANSWR ()	
2	switch back to the first call

Making a Three-Way Call



During a call, you can call and connect a third party for a three-way call. You cannot do this if you already have a call on hold.

Press	To
1 keypad keys	dial the third party's number
	Note: Some networks may require you to press first.
2	call the number
3	connect the two calls
4	end the entire call

Additional On-Call Features

Press	To
MUTE (➡) (if available) or [] > Mute	mute the call
[]	turn on or off the speakerphone while on a phone or PTT call
SPEAKER (➡) (if available) or []	turn on or off the speakerphone while on a PTT call
[] > My Tel. Number	see your phone/PTT number
[] > Send Tones	send a number to the network as DTMF tones, for credit card or password calls To activate DTMF tones, see the "DTMF" option on page 84.
[] > TTY Mode	change to TTY mode to use your phone with a TTY device
[] > Received Calls or Dialed Calls	view recent received or dialed call numbers
[] > Messages	view or send messages
[] > Datebook	view datebook entries





Press	To
 > Location	view and change the location transmission status of your phone
 > Other Information	view phone specifications

Using the Menu

Navigating to a Feature



Use these keys to move through the menu system:

Left Soft Key

Perform function shown in lower left corner of display (usually **EXIT** or **BACK**).

Menu Key

Enter main menu, or open a sub-menu, when appears in bottom center of display.

Volume Buttons

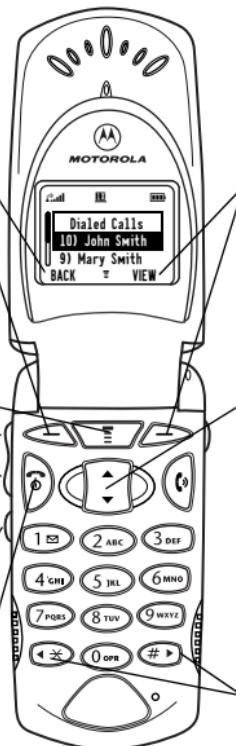
Scroll up or down through lists.

PTT Button

Enter the PTT contacts list.

Power/ End Key

Turn the phone on or off. Exit menu without making changes, return to idle display.



Right Soft Key

Perform function shown in lower right corner of display (usually **SELECT** the highlighted menu item).

Scroll Key

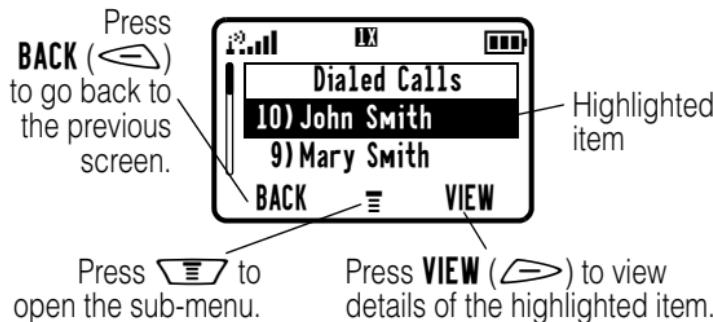
Scroll up or down through menus and lists.

* and

Cycle through and set the value of the highlighted menu item.

Selecting a Feature

Some features require you to select an item from a list:

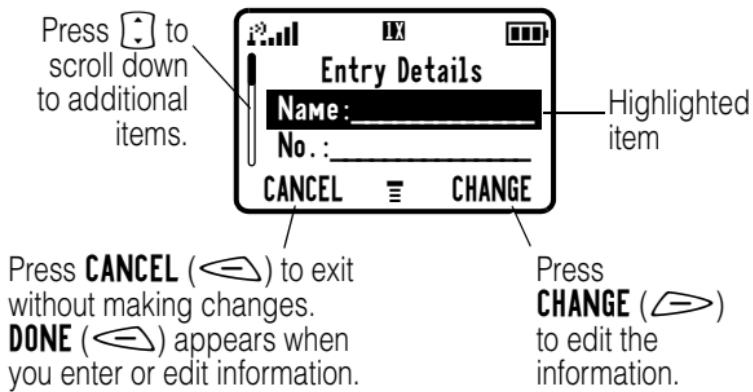


- Press to scroll up or down to highlight the item you want.
- In a numbered list, press a number key to highlight the item.
- In an alphabetized list, press a key multiple times to cycle through the letters on the key and highlight the closest matching list item.



Entering Feature Information

Some features require you to enter information:

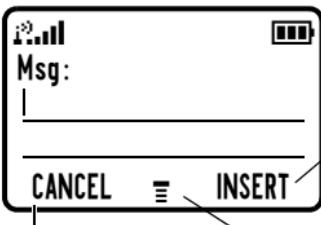


- Enter numbers or text with the keypad.
- When an item has a list of possible values, press **◀** or **▶** to scroll through and select a value.
- When an item has a list of possible values, press **↑** to the left or right to scroll through and select a value.
- When an item has a list of possible numeric values, press a number key to set the value.
- If you enter or edit information and do not want to save your changes, press **✖** to exit without saving.

The message center lets you compose and send text messages. A *flashing cursor* shows where text will appear:



Flashing cursor
indicates
insertion
point.



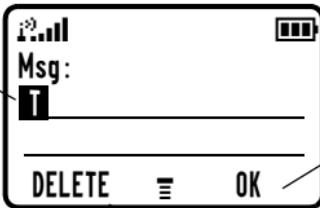
Press
INSERT (⇨)
to view and
insert a
quick note.

Press **CANCEL** (⇦) to exit
without making changes.

Press (≡) to open
the sub-menu.

When you enter text using the standard tap method, the flashing cursor changes to a *block cursor*, and the soft key functions change:

Block
cursor
indicates
current
highlighted
character.



Press
OK (⇨)
to accept
and store
the text.

After two seconds, the
block cursor reverts to a
flashing cursor and moves
to the next position.

Press **DELETE** (⇦)
to delete the character
to the left of the insertion
point.

Entering Text

Multiple text entry methods make it easy for you to enter names, numbers, and messages on your phone.

Choosing a Text Method

Press  from any text entry screen. The symbol for the active method displays at the top of the text entry screen:

- iTAP (it)** Let the phone predict each word as you enter it (see page 70).
- Tap (T)** Enter letters, numbers, and symbols by pressing a key one or more times, (see page 66).
- Numeric (12)** Enter numbers only.
- Symbol (@)** Enter symbols only, (see page 69).
- Browse** Browse your phonebook or recent call lists to select a name or number.

Note: The text method you select remains active until you select another method.



Using Tap Method

This is the standard method for entering text on your phone.

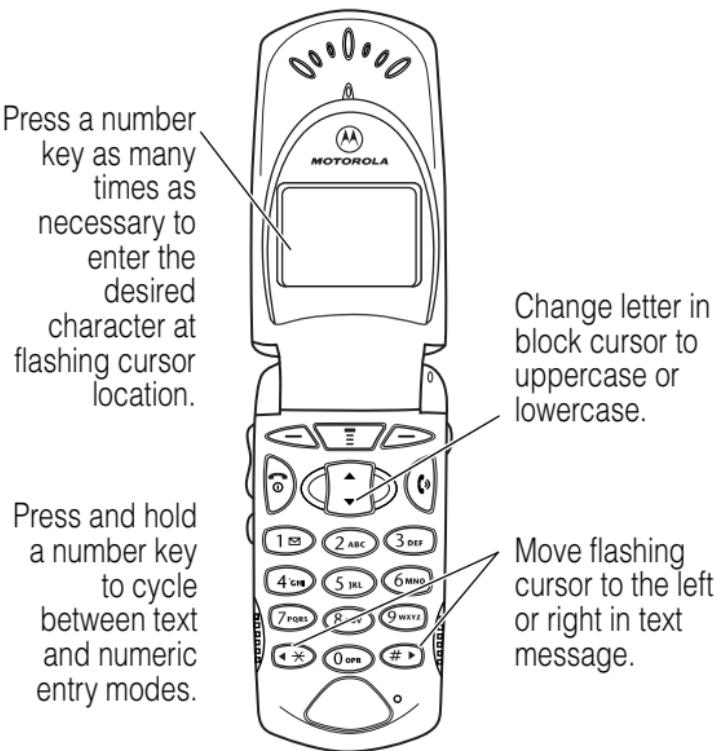
Press  from any text entry screen and select the **Tap Method** menu option.

Press	To
1 a number key one or more times	select a letter, number, or symbol shown in the “Character Chart” on page 68
2 Continue pressing number keys	enter the remaining characters
3 OK ()	store the text when you are finished



General Text Entry Rules

Press a number key repeatedly to cycle through its characters. See "Character Chart" on page 68.



- If you do not press a key for 2 seconds, the character in the block cursor is accepted, and the cursor moves to the next position.
- The first character of every sentence is capitalized. (Press down to force the character to lowercase while it is highlighted by the block cursor).

Character Chart

Use this chart as a guide for entering spaces, letters, numbers, and symbols with the tap method.

1 1@#	space . 1 ? ! , @ _ & ~ : ; " - () ' ¿ ¡ % £ \$ ¥ ☰ €
2 2ABC	a b c 2 ä å á à â ã æ ø β ç
3 3DEF	d e f 3 δ ë é è ê ε ø φ
4 4GHI	g h i 4 ï í î γ ηι
5 5JKL	j k l 5 κ λ
6 6MNO	m n o 6 ñ ö ø ó ò ô õ μ ν ω
7 7PQRS	p q r s 7 π β σ
8 8TUV	t u v 8 θ ü ú ù û τ
9 9WXYZ	w x y z 9 ξ ψ
0 0OPS	+ - 0 x * / \ [] = > < # §

Note: This chart may not reflect the exact character set available on your phone.

Using Symbol Method

Your phone provides an alternate way to enter symbol characters in a message. Press  from any text entry screen and select the **Symbol** menu option.

Press	To
1 a number key one time	display its symbol options at the bottom of the display See “Symbol Chart” on page 70.
2  or 	highlight the symbol you want or
3 SELECT ()	enter the symbol at the flashing cursor location



Symbol Chart

Use this chart as a guide for entering characters in symbol method.

1 <small>ABC</small>	space . ? ! , @ _ & ~ : ; " - () ' ¿ i % £ \$ ¥ ☻ €
2 <small>DEF</small>	@ _ \
3 <small>GHI</small>	/ : ;
4 <small>MNO</small>	" & '
5 <small>JKL</small>	() [] { }
6 <small>PQRS</small>	¿ i ~
7 <small>TUV</small>	< > =
8 <small>WXYZ</small>	\$ £ ¥ ☻ €
9 <small>OPR</small>	# % *
0 <small>OPR</small>	+ - x * / = > < # §



Using iTAP™ Software Predictive Text Entry Method

iTAP™ software provides a predictive text entry method that lets you enter a word using one keypress per letter.

Press from any text entry screen and select the iTAP menu option.

Note: You can switch languages within a message in iTAP text method. Press to select the text method and language you want to use.

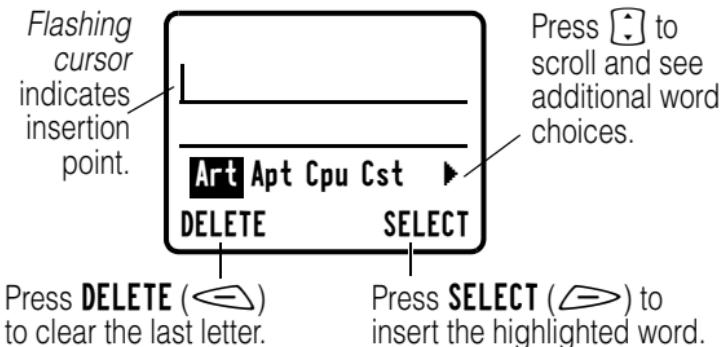
Enter Words

Press	To
1 a number key one time	enter the first letter of the word The letters associated with the key are shown at the bottom of the display.
2 number keys (one per letter)	enter the rest of the word Alternative words and letter combinations are shown at the bottom of the display. The word choices are updated with each keypress.
3 or	highlight the word you want
4 SELECT (enter the word at the flashing cursor location A space is automatically inserted after the word.



For example, to spell the word “art,” press   .

The display shows:



Enter Novel Words

You may enter a word that the iTAP software does not recognize. If the word you want is not displayed:

Action

- 1 Press **DELETE** () one or more times to delete letters until you see a letter combination that matches the start of the word.
- 2 Press  or  to highlight the letter or letter combination.
- 3 Press **SELECT** () to shift the text entry cursor to the left and “lock” the selected word portion.
- 4 Continue to enter letters and highlight letter combinations to spell the word.

Punctuation

Action

Press **0_{OPK}** or **1_{ED}** to enter punctuation or other characters as shown in the “Character Chart” on page 68.

Capitalization

The first word of a sentence is automatically capitalized, with following words in lowercase.

Action

Press **[]** up once to change the highlighted word or letters to initial character capitalized.

Press **[]** up twice to change the highlighted word or letters to uppercase characters.

Press **[]** down once to change the highlighted word or letters to lowercase characters.



Enter Numbers

Press	To
1 Enter the first digit and then highlight it	put the iTAP software in number entry mode
2 Press number keys	add digits to the number
3 Press SELECT (→)	enter the number at the flashing cursor location



Delete Letters and Words

Place the cursor to the right of the text you want to delete, and then do the following:

Press	To
DELETE (←)	delete one letter at a time
Press and hold DELETE (←)	delete the entire message

Menu Feature Descriptions

This chapter describes all of your phone's features in order of the menu map shown on page 3.

Main Menu

PHONEBOOK

◀ > **Phonebook**

Store names and numbers as entries in your phonebook, then call numbers by selecting them from the phonebook list, see page 93.

RECENT CALLS

Received Calls

◀ > **Recent Calls**
 > **Received Calls**

View a list of recently received calls, see page 87.

Dialed Calls

◀ > **Recent Calls**
 > **Dialed Calls**

View a list of recently dialed calls, see page 87.

Notepad

◀ > **Recent Calls**
 > **Notepad**

Call or store the last number entered on the keypad, see page 89.

Call Times

◀ > **Recent Calls**
 > **Call Times**

View call timers that track time spent on your last call, dialed calls, received calls,





all calls since reset, and all calls total, see page 89.

MESSAGES

> Messages

Adjust message settings, view and manage the various types of messages your phone can receive and/or send:



Voicemail

Listen to your recorded voice messages, see page 114.

Create Message

Create new text messages, see page 116.

Inbox

Read and manage text messages, see page 116.

Outbox

View all outgoing text messages, delivered and undelivered.

Quick Notes

Select and send pre-written messages from the quick notes list, see page 125.

Drafts

Store and edit text messages that you have written but not sent.

GET IT Now

> Get It Now

Access games and applications on your phone, see page 150.



BROWSER

> Browser

The micro-browser delivers WAP (Wireless Application Protocol) pages





from Verizon Wireless directly to your phone, see page 145.

SETTINGS

 > **Settings**

Select to change phone settings, see page 78.

RING STYLES

 > **Ring Styles**

Select or edit the ring style your phone uses to notify you of incoming calls, messages, or other events, see page 128.

PICTURE VIEWER

 > **Picture Viewer**

View and manage the pictures and animations stored on your phone, see page 103.

SHORTCUTS

 > **Shortcuts**

Create keypad or voice shortcuts to menu features, see page 136.

CALCULATOR

 > **Calculator**

Use your phone as a calculator or currency converter, see page 147.

DATEBOOK

 > **Datebook**

Use the datebook calendar to schedule and review your appointments, see page 105.

VOICE RECORD

 > **Voice Record**

Use the voice key to record messages and phone calls, see page 139.

Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.

RADIO

 > Media Center
 > Radio



Listen to FM radio stations with the optional Motorola Original™ FM Stereo Radio Headset accessory. This menu feature is displayed only when the FM Stereo Radio Headset is plugged into the accessory connector port on your phone, see page 110.

Settings Menu**RING STYLES**

 > Ring Styles
 > Style
 > Loud Detail
 > My Tones

Select or edit the ring style your phone uses to notify you of incoming calls, messages, or other events, see page 128.

**PHONE STATUS*****My Tel. Number***

 > Settings
 > Phone Status
 > My Tel. Number

View, enter, and edit information about your name and phone number.

Note: Your PTT number is the same as your phone number.

Active Line

 > Settings
 > Phone Status
 > Active Line



Change the active phone line to send and receive calls from either of the available numbers.

Battery Meter  > **Settings**
 > **Phone Status**
 > **Battery Meter**

View a detailed battery charge meter.

Other Information  > **Settings**
 > **Phone Status**
 > **Other Information**



View your phone's feature specifications
(if available from Verizon Wireless).

BROWSER SETUP  > **Settings**
 > **Browser Setup**



Select or create a network connection profile. In many cases, Verizon Wireless has already entered this information for you. Contact Verizon Wireless to obtain information, if necessary.

CONNECTION

Connect your phone to a computer or hand-held device to send and receive data and fax calls on the connected device.



Incoming Call  > **Settings**
 > **Other Settings**
 > **Connection**
 > **Incoming Call**

Specify the format for the next incoming call. You can select **Fax In Only**, **Data In Only**, or **Normal**, see page 170.

IN-CALL SETUP

Set the features that are active during a call, such as the in-call timer and call answering options.

In-Call Timer

 > Settings
 > In-Call Setup
 > In-Call Timer

Adjust call timer **Display** and **Beep** settings. You can set your timer to beep at a selected interval during your calls, (60 seconds is the default.) You can also turn on or off a display timer during calls as follows:

Time	Display the elapsed time for the current call.
Off	No in-call timer display.

Answer Options

 > Settings
 > In-Call Setup
 > Answer Options

Turn call answering options on or off:

Multi-Key	Answer by pressing any key.
Open to Answer	Answer by opening the flip.

SECURITY**Phone Lock**

 > Settings
 > Security
 > Phone Lock

Lock and unlock your phone, see page 174.

Lock Application

 > Settings
 > Security
 > Lock Application

Lock and unlock specific phone applications (such as phonebook or datebook). When an application is locked, users must enter the unlock code to use the application.

Restrict Calls  > **Settings**
 > **Security**
 > **Restrict Calls**

Restrict incoming and outgoing calls, see page 175.

New Passwords  > **Settings**
 > **Security**
 > **New Passwords**

Change your unlock code (originally set to 1234) or your security code (originally set to 000000), see page 172.

LOCATION  > **Settings**
 > **Location**



If your phone has the automatic location information (ALI) feature, it can tell the phone network where you are physically located, see page 159.

OTHER SETTINGS

Personalize  > **Settings**
 > **Other Settings**
 > **Personalize**

Set several personal phone options:

Main Menu Change the order of the main menu, see page 156.

Keys Change the functions of the soft keys in the idle display, see page 157.





Greeting	Change the text displayed when you turn on your phone.	
Screen Saver	Change your phone's screen saver image, see page 158.	
Banner	Change the text that appears in the idle display. Note: Banner text does not appear in your phone's external display.	
Initial Setup	 > Settings > Other Settings > Initial Setup	
	Set many basic phone options:	
Time and Date	Set the phone's time and date.	
Speakerphone	Set the speakerphone to timeout after 20 seconds, or to always on.	
Auto PIN Dial	Some networks require an authenticating PIN code to allow outgoing calls. Use this feature to automatically dial your PIN.	

Auto Redial	Use this option to turn on or turn off the automatic redial feature. When you turn on automatic redial, your phone automatically redials calls that fail due to busy network conditions, see page 52.
Backlight	Set the amount of time that the display backlight remains on, or turn off the backlight to conserve battery power.
Status Light	Turn the status light off (to conserve battery power) and on.
Zoom	Switch between three lines (Zoom Out) and two lines (Zoom In) of display text.
TTY Setup	Set your phone to operate in one of three TTY modes, or return to normal Voice mode, see page 160. 
Scroll	Force the cursor to stop or wrap around when it reaches the top or bottom of a list in the display.



Animation	Turn animation off (to conserve battery power) or on. Animation makes your phone's menus move smoothly as you scroll up and down.
Language	Set the language for phone menus.
Contrast	Adjust the contrast setting for your display.
DTMF	Your phone can send a number to the network as dual tone multi-frequency (DTMF) tones. DTMF tones are used to communicate with automated systems that require you to enter a number such as a code, password, or credit card number. Use this option to set DTMF tones to be long, short, or off.
Master Reset	Reset all options back to their original factory settings <i>except</i> for the unlock code, security code, and lifetime timer.

Master Clear

Reset all options back to their original factory settings *except* for the unlock code, security code, and lifetime timer, *and* clear all user settings and entries.

Note: This option *erases all user-entered information* stored in your phone's memory, including phonebook and datebook entries. Once you erase the information, it cannot be recovered.

Network

 > Settings
 > Other Setting
 > Network



View and adjust your phone's network settings.

Verizon Wireless registers your phone to a network. You can view information about the current network, change how your phone searches for a network, and activate alerts that indicate when a call is dropped or network registration changes.

Car Settings

 > **Settings**

> **Other Settings**
> **Car Settings**



Adjust hands-free car kit settings.

You can set your phone to route calls directly to the car kit when it detects a connection, and automatically answer calls after two rings, see page 162.

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Headset

 > **Settings**

> **Other Settings**
> **Headset**



Set your phone to automatically answer calls after two rings when connected to a headset, see page 163.

Recent Calls

Viewing Received Calls or Dialed Calls

Your phone keeps a list of the calls you recently received and dialed, even if the calls did not connect. The lists are sorted from newest to oldest entries. The oldest entries are deleted as new ones are added.

Shortcut: Press **4** to go directly to the dialed calls list from the idle display.

Find the Feature

 > Recent Calls

Recent Calls

Press	To
1 	scroll to Received Calls or Dialed Calls
2 SELECT ()	select the list
3 	scroll to an entry
<p>Note: ✓ means the call connected.</p>	
4 	call the entry's number
or	
VIEW ()	view entry details
or	
	open the Last Calls Menu to perform other procedures as described in the following list



The **Last Calls Menu** can include the following options:

Option	Description
Store	Create a phonebook entry with the number in the No. field.
Delete	Delete the entry.
Delete All	Delete all entries in the list.
Send Message	Open a new text message with the number in the To field.
Add Digits	Add digits after the number.
Attach Number	Attach a number from the phonebook or recent call lists, after the highlighted number.
Send Tones	Send the number to the network as DTMF tones, for credit card or password calls.

Using the Notepad

Your phone stores the most recent string of digits entered on the keypad in a temporary memory location called the *notepad*. This can be a phone number that you called, or a number that you entered but did not call. To retrieve the number stored in the notepad:

Find the Feature



> Recent Calls
> Notepad

Press



To

call the number

or



open the **Dialing Menu** to
attach a number or insert a
special character

or

STORE (→)

create a phonebook entry
with the number in the **No.**
field

Viewing and Resetting Call Timers

Network connection time is the elapsed time from the moment you connect to the Verizon Wireless network to the moment you end the call by pressing . This time includes busy signals and ringing.



The amount of network connection time you track on your resettable timer may not equal the amount of time for which you are billed by Verizon Wireless. For billing information, please contact Verizon Wireless.



You can view the following network connection times:

Timer	Description
Last Call	Approximate time spent on last dialed or received call. You cannot reset this timer.
Dialed Calls	Approximate time spent on dialed calls since the last time you reset this timer.
Received Calls	Approximate time spent on received calls since the last time you reset this timer.
All Calls	Approximate time spent on dialed and received calls since the last time you reset this timer.
Lifetime	Approximate time spent on all calls on this phone. You cannot reset this timer.

To view a call timer:

Find the Feature  > Recent Calls
 > Call Times

Press	To
1 	scroll to the timer you want
2 SELECT ()	view the recorded time

To reset the call timer:

Press	To
1 RESET ()	reset the time (if available)
2 YES ()	confirm the reset



Phonebook

You can store a list of names and phone numbers or email addresses in your phone's electronic phonebook.

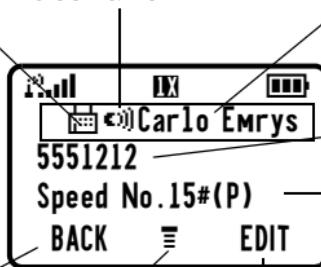
To see the names in your phonebook, press  > Phonebook from the idle display. Scroll to a name and press **VIEW** () to view details of entry.

Viewing Entry Details

Type indicator identifies number type:

-  Work
-  Home
-  Main
-  Mobile
-  Fax
-  Pager
-  Email

Voice Name indicator indicates a recorded voice name



Entry's Name

Entry's phone number or email address

Entry's speed dial number

Return to list

Press  to open the Phonebook Menu

Edit entry

Note: When you set a distinctive ringer alert for an entry, the **Ringer ID** setting appears below the speed dial number.

Storing a Phonebook Entry

A phone number or email address is required for a phonebook entry. All other information is optional.

Shortcut: Enter a phone number in the idle display, then press **STORE** (⇨) to create a phonebook entry with the number in the **No.** field. Go directly to step 3 to continue.

Enter Information

Find the Feature

⇨ > Phonebook

⇨ > New Entry

Press	To
1 ⇧	scroll to Phone Number or Email Address
2 SELECT (⇨)	select the entry type
3 CHANGE (⇨)	select Name
4 keypad keys	enter a name
5 OK (⇨)	store the name
6 CHANGE (⇨)	select No. or Email
7 keypad keys	enter the phone number or email address (to a maximum of 32 characters)
Tip: You can store a PIN code with the phone number, (see page 96).	
8 OK (⇨)	store the phone number or email address



Press	To
9 CHANGE (→)	select Type Note: This option is not available for email entries.
10 □	scroll to the number type
11 SELECT (→)	select the number type
12 RECORD (→) or	record a voice name for the entry, if desired
Go to step 13 if you do not want a voice name	
13 □	scroll to Speed No.
14 DONE (←)	The next available speed dial number is assigned to the phonebook entry. Note: To assign a different speed number, skip this step and go to step 15.
15 CHANGE (→)	select Speed No. if you want to change it
16 keypad keys	enter a different speed dial number
17 OK (→)	store the speed dial number

Press	To
18 CHANGE (◀)	select Ringer ID if you want to assign a distinctive ringer alert for the phone number Your phone uses the alert to notify you when you receive a call from this phone number, see page 128.
19 □	scroll to the alert you want
20 SELECT (▷)	store the ringer ID alert
21 SELECT (▷)	select MORE if you want to create another entry under the same Name You must use a different Type identifier for each number.

Complete Phonebook Entry

When you are finished entering information for a phonebook entry:

Press	To
DONE (◀)	store the entry



Storing a PIN Code With the Phone Number

You can store a PIN code with the phone number for calls that require additional digits (for example, to make a calling card call, or to retrieve voicemail or answering machine messages). Insert one or more of the following characters in the dialing sequence to ensure that the number dials and connects properly:

Press	To
 > Insert Pause	insert a p (pause) character Your phone dials the preceding digits, waits for the call to connect, then sends the remaining digit(s). If your network does not recognize the first pause character, try two (pp).
 > Insert Wait	insert a w (wait) character Your phone dials the preceding digits, waits for the call to connect, then prompts you for confirmation before it sends the remaining digit(s).

Press	To
> Insert 'n'	<p>insert an n (number) character</p> <p>Your phone prompts you for a number before dialing the call. The number you enter is inserted into the dialing sequence in place of the n character</p>

Note: You can store a maximum of 32 digits per number. Each character counts as one digit.

Recording a Voice Name For a Phonebook Entry

You can record a voice name for a new or existing phonebook entry. A voice name lets you call the phonebook entry using voice dial (see page 99).

Tip: Make your recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.

Find the Feature

> Phonebook

Press	To
1	scroll to the entry
2 VIEW ()	view entry details
3 EDIT ()	edit the entry
4	scroll to Voice Name



Press	To
5 RECORD (▷)	begin recording
6 Press and release the voice key and say the entry's name (in two seconds)	record the voice name
7 Press and release the voice key and repeat the name	confirm the voice name
8 DONE (◀)	store the voice name

Dialing a Phonebook Entry

Use one of the following procedures to call a number (or send a text message to an email address) stored in your phonebook.

Phonebook List

Find the Feature  > Phonebook

Press	To
1 keypad key letter	jump to entries that begin with that letter (optional)
2 	scroll to the entry
3 	make the call

Voice Dial

Action

Press and release the voice key and say the entry's name (in two seconds).

To speed dial a phonebook entry, or to call an entry with one-touch dial, see page 56.

Storing Longer Numbers

A phonebook number can contain a maximum of 32 digits and characters. You can create multiple phonebook entries to store a dialing sequence that exceeds the 32-character limit. Then you can send the entries in sequence to dial the number.

To store a dialing sequence longer than 32 characters:

Action

- 1 Create a phonebook entry to store the first part of the dialing sequence (for example, the number for your long-distance service provider).
- 2 Create a second phonebook entry to store the next part of the dialing sequence (for example, the country code and phone number for an international call).



Action

- 3 Repeat step 2 as necessary to store the entire dialing sequence. (For example, create a third phonebook entry to store your calling card number and PIN number.)

To dial a dialing sequence stored as multiple phonebook entries:

Action

- 1 Dial the first phonebook entry. Perform any pause or wait tasks, if necessary, to complete the dialing sequence. Your phone returns to the idle display.
- 2 Press  > **Phonebook** to re-open the phonebook.
- 3 Highlight the second phonebook entry, then press  > **Send Tones** to send the next portion of the dialing sequence.
- 4 Repeat steps 2 and 3 as necessary to send the entire dialing sequence.

Editing a Phonebook Entry

Find the Feature

 > Phonebook

Press	To
1 	scroll to the entry
2 VIEW ()	view entry details
3 EDIT ()	edit the entry

Edit the entry as described on pages 93-95.

Deleting a Phonebook Entry

Find the Feature

 > Phonebook

Press	To
1 	scroll to the entry
2 	open the Phonebook Menu
3 	scroll to Delete
4 SELECT ()	select Delete
5 YES ()	confirm the deletion

Sorting the Phonebook List

You can sort your phonebook list by speed dial number (the standard), name, email address, or voice name.

Note: The voice name sort is identical to the name sort, except that entries with voice name tags appear first.



Find the Feature

> Phonebook

Press	To
1	open the Phonebook Menu
2	scroll to Setup
3 SELECT (select Setup
4	scroll to Sort by
5 CHANGE (select Sort by
6	scroll to Name, Speed No., Voice Name, or Email
7 SELECT (select the sort order
8 DONE (sort the list

Synchronizing with TrueSync Software



You can synchronize phonebook entries between your phone and computer or hand-held device with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

Note: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.



Picture Viewer

Network / Subscription
Dependent Feature

Your phone contains pictures and animations
that you can use as screen saver images.



Find the Feature

◀ ▶ > Picture Viewer

Press	To
1 □	scroll to the picture
2 SELECT (▷)	view the picture
3 □	view the previous/next picture

or

DETAILS (▷) view picture information

or



open the Picture Viewer
menu to perform other
procedures as described in
the following list



The **Picture Viewer** menu can include the following options:

Option	Description
Details	View picture information.
Set as Screen Saver	Set the picture as your phone's screen saver image.
Rename	Rename the picture.
Delete	Delete the picture.

To adjust your phone's screen saver image, see page 158.

Datebook

The datebook is a calendar that lets you schedule and organize events such as appointments and meetings. You can set the datebook to send a reminder alarm for specific events.

Note: You must set the time and date on your phone to use the datebook.

To schedule or review datebook events:

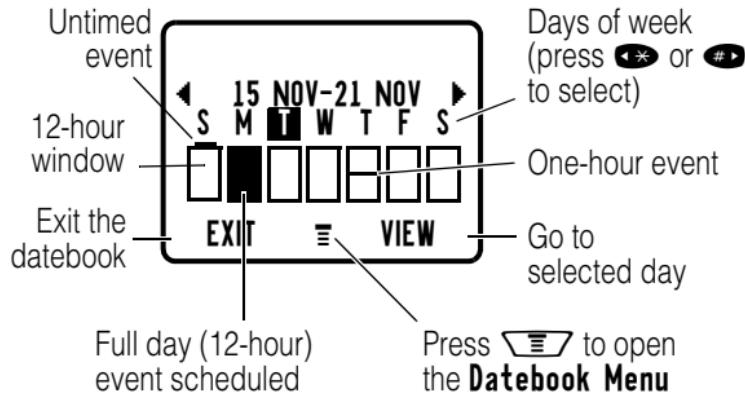
Find the Feature

▼ > Datebook



Week View

The datebook initially displays a calendar for the week. Lines or filled boxes indicate scheduled events.



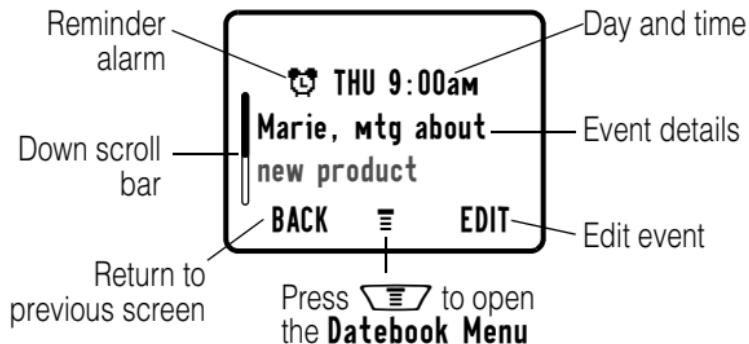
Day View

Select a day and press **VIEW** (⇨) to see the day's events.



Event View

Select an event and press **VIEW** (⇨) to see event details.



Adding a Datebook Event

A title is required for a datebook event. All other information is optional.

Note: You must create an event to use the reminder alarm.

Find the Feature

 > Datebook > day
 > New

Press	To
1 CHANGE ()	select Title
2 keypad keys	enter a title for the event
3 OK ()	store the event title
4 	scroll to other fields and enter information as necessary You can set start time, duration, date, repeat interval, and reminder alarm.
5 DONE ()	store the event



Changing Event Information

Find the Feature

 > Datebook

Press	To
1  * or #	scroll to the day
2 VIEW ()	display the day view
3 	scroll to the event
4 VIEW ()	display the event view
5 EDIT ()	edit the event
6 	scroll to the information you want to change
7 CHANGE ()	edit the information
8 keypad keys	enter new information
9 DONE ()	store the information



Copying an Event

Find the Feature

 > Datebook

Press	To
1  * or #	scroll to the day
2 VIEW ()	display the day view
3 	scroll to the event
4 	open the Datebook Menu
5 	scroll to Copy
6 SELECT ()	copy the event

Press	To
7 YES (◀)	confirm the copy Your phone assumes you want to change the date, and displays the Date field.
8 keypad keys	enter date information
9 ► (→)	move to month, day, and year
10 DONE (◀)	save the copy of the event
11 □	scroll to and edit event information, if necessary
12 DONE (◀)	store the information



Deleting an Event

Find the Feature

◀ > Datebook

Datebook

Press	To
1 ▲ or ▼	scroll to the day
2 VIEW (→)	display the day view
3 □	scroll to the event
4 ▶	open the Datebook Menu
5 □	scroll to Delete
6 SELECT (→)	select Delete
7 YES (◀)	confirm the deletion

Radio



You can use your phone to listen to FM radio stations when the optional Motorola Original™ FM Stereo Radio Headset accessory is plugged into the phone's accessory connector port.

Turning the Radio On and Off

Press	To
Radio (→)	turn the radio on and off

Alternatively, you can use the following procedure:



Find the Feature ▶ > Radio

Press	To
On (→) or	turn the radio on or off
Off (→)	

Note: The **Radio** menu feature and soft key options appear only when the FM Stereo Radio Headset is plugged into the accessory connector port.

Tuning a Station

Action

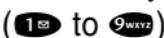
Press  scroll to the next frequency

or

Press and hold  scroll to the next available stereo station

Storing a Preset

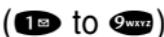
Action

Press and hold a number key  assign its preset number to the tuned station



Selecting a Preset

Press

a number key


To

tune the station stored at the preset location

Radio

Sending and Receiving Calls With the Radio On

Your phone rings or vibrates as usual to notify you of an incoming call, message, or other event.

Press	To
IGNORE (◀)	ignore the call
ANSWER (◀) or the button on the FM Stereo Radio Headset microphone	answer the call Note: You can use the FM Stereo Radio Headset microphone to talk to the other party during a call

To end the call and resume the FM broadcast:

Press	To
⌚	end the call
or	
Press and hold the button on the FM Stereo Radio Headset microphone	

Turn the radio off before dialing outgoing calls from the phone keypad. You do not have to turn off the radio to dial emergency numbers, or numbers selected from your phonebook or recent call lists.

Tip: To dial a recently called number, press ⌚ or the button on the FM Stereo Radio Headset microphone to go to the dialed calls list. For more information, see page 87.

Messages—Voicemail

Note: Voicemail does not apply to PTT calls.



You can listen to your voicemail messages by calling your network voicemail phone number. Voicemail messages are stored on the network—not on your phone.

Storing Your Voicemail Number



Voicemail messages that you receive are stored on the network. To listen to your messages, you must call your voicemail phone number.

Note: Verizon Wireless may include additional information about using this feature.



Listening to a Voicemail Message

Find the Feature



> Messages > VoiceMail

Shortcut: If your voicemail number is stored as phonebook entry number 1, press and hold to listen to your voicemail message(s).

Press	To
	call your voicemail number and listen to the message
	Note: If no voicemail number is stored, your phone prompts you to store one

Receiving a Voicemail Message

When you receive a voicemail message, your phone displays the (voice message waiting) indicator and a New VoiceMail notification.



Press	To
CALL ()	listen to the message

The phone calls your voicemail phone number. If no voicemail number is stored, your phone prompts you to store one.

Storing Your Voicemail Phone Number

If necessary, use the following procedure to store your voicemail phone number. Usually, Verizon Wireless has already done this for you.

Find the Feature



> Messages

> VoiceMail Setup

Press	To
1 keypad keys	enter your voicemail number
2 OK (➡)	store the number

Note: You cannot store Pause, Wait, or n characters in this number. If you want to store your voicemail number with these characters, create a phonebook entry for it. Then, you can use the entry to call your voicemail. For more about these characters, see page 96.

Additionally, Verizon Wireless may store your voicemail number as phonebook entry number 1, so you can use one-touch dial to listen to your voicemail messages. If necessary, see page 93 to store your voicemail number for one-touch dial access.



Turning Off the Voice Message Waiting Indicator

To clear the (voice message waiting) indicator:

Find the Feature



> Messages

> Clear Count

Messages—Text



Text messages are brief messages that you can send and receive.

Quick notes are pre-written text messages that you can add into a message and send quickly.

Your text message inbox must be set up *before* you can send and receive messages. The number of messages the inbox can hold depends on the length of the messages, and the number of other messages and drafts stored on your phone.

Setting Up the Text Message Inbox

Note: In many cases, Verizon Wireless has already set up the text message inbox for you.

Find the Feature



> Messages

> Inbox Setup

Press	To
1 CHANGE (◀ ▶)	change the Cleanup setting
2 □	scroll to the number of days you want to keep messages in the inbox, or the number of messages you want to keep
3 SELECT (◀ ▶)	select the cleanup setting
4 DONE (◀ ▶)	save the inbox settings



Receiving a Text Message

Note: Your text message inbox must be set up before you can receive text messages, see page 116.

When you receive a text message, your phone displays the **✉** (message waiting) indicator and a **New Inbox Message** notification, and gives an alert.

Press	To
READ (✉)	open the message

If reminders are turned on, your phone sends a reminder at regular intervals until you close the new message notification, read the message, or turn off your phone, see page 135.

When your phone displays **Memory is Full!**, you must delete some existing messages to receive new messages.

Reading, Locking, or Deleting a Text Message

Messages in the text message inbox are sorted from newest to oldest. The oldest messages are deleted automatically as specified by the inbox cleanup setting, see page 116. If you want to save a message, you should lock it to prevent it from being deleted during cleanup.



Find the Feature

 > Messages > Inbox

Press	To
1 	scroll to the message The following indicators show message status:  = unread  = unread (with attachment)  = unread and urgent  = unread and urgent (with attachment)  = read  = read (with attachment)  = read and locked  = read and locked (with attachment)
2 READ ()	open the message
3 BACK ()	close the message
or	
DELETE ()	delete the message
or	
	open the Inbox Menu to perform other procedures as described in the following list



The **Inbox Menu** can include the following options:

Option	Description
Create Message	Open a new text message.
Call Back	Call the number in the message header or embedded in the message.
Go To	Launch the micro-browser and go to a Web address (URL) embedded in the message.
Reply	Open a new text message, with the sender's Reply To number or email address in the To field.
Forward	Open a copy of the text message, with an empty To field.
Lock/Unlock	Lock or unlock the message.
Delete	Delete the message.
Delete All	Delete all inbox messages.
Inbox Setup	Open the text message inbox setup menu.

Storing Pictures, Animations, and Sounds

If you subscribe to Enhanced TXT Messaging, text messages that you receive can contain pictures, animations, and sounds. Pictures and animations are displayed as you read the message. A sound begins playing when you open the message text and select the  (sound file) indicator by pressing  and .



You can store these embedded object files on your phone, and use them as screen saver images and alert tones.

Store a Picture or Animation File

Press	To
1 	highlight the picture or animation in the message
2 	open the Inbox Menu
3 	scroll to Store
4 SELECT (→)	display a list of items you can store
5 	scroll to File Attachment
6 SELECT (→)	display the file name
1 STORE (→)	view storage options
2 	scroll to Store Only , or Set as Screen Saver
3 SELECT (→)	store the file and, optionally, set it as your screen saver image

For more information about using pictures and animations, see pages 103 and 158.



Store a Sound File

You can store a sound file, and set it as an event alert.

Press	To
1	highlight the (sound file) indicator in the message
2	open the Inbox Menu
3	scroll to Store
4 SELECT (▷)	display a list of items you can store
5	scroll to File Attachment
6 SELECT (▷)	display the file name
7 STORE (▷)	view storage options
8	scroll to Store Only or Set As Ring Tone
9 SELECT (▷)	select the option
	If you select Store Only , the procedure is complete.
	If you select Set As Ring Tone , your phone displays Set As Which? , and lists the events for which you can set an alert.
10	scroll to the event
11 SELECT (▷)	store the sound and set it as the event alert

For more information about using sound files, see page 128.



Sending a Text Message

You can send a text message to one or more recipients. You can manually enter each recipient's phone number or email address, or select numbers/addresses from the phonebook or recent call lists.

Note: When you manually enter numbers and/or email addresses, you must insert a space between each entry. Press  one time, wait for the space to appear, then enter the next number or email address.

Find the Feature

 > Messages

> Create Message

Press	To
1 CHANGE ()	select To



Press	To
2 keypad keys	enter one or more phone numbers and/or email addresses
	Tip: Press 1 to insert a space between each number/address that you enter manually.
or	
BROWSE (→)	select numbers/addresses from the phonebook or recent call lists as follows:
a 	highlight Phonebook, Received Calls, or Dialed Calls
b SELECT (→)	select the list
c 	highlight a number/address
d ADD (→)	add the number/address to the list of message recipients
e DONE (→)	return to the message editor when you are finished
3 OK (→)	store the numbers/addresses
4 CHANGE (→)	select Msg





Press	To
5 keypad keys	enter the message Note: Message length is limited. As you near the limit, a display counter shows how many characters are left.
	or
BROWSE (→)	select and insert a quick note message (see page 125)
6 keypad keys	enter the message
	or
BROWSE (→)	select and insert a quick note message, see page 125
<hr/> Note: Message length is limited to seven (7) pages of 1000 characters each. A display counter cycles between the number of pages written (number preceded by a *), and the number of characters left on the current page. <i>You must subscribe to Enhanced TXT Messaging service to send or receive messages that include more than 160 characters, or special characters, see page 68. Some phones do not support Enhanced TXT Messaging.</i>	
7 OK (→)	store the message
8 CHANGE (→)	select Priority
9 □	scroll to the priority you want
10 SELECT (→)	set the priority
11 CHANGE (→)	select Call

Press	To
12 keypad keys	enter a number for the recipient to call back
13 OK (➡)	store the number
14 DONE (⬅)	finish the message
	Your phone displays the total pages in the message.
15 YES (➡)	send the message
or	
NO (➡)	cancel the message or save it in the drafts folder

Sending a Quick Note Text Message

Quick notes are pre-written text messages that you can incorporate into a message and send quickly (for example, **on my way**). You can also create new quick notes.

Find the Feature

 > **Messages**
 > **Quick Notes**

Press	To
1 	scroll to the quick note
2 READ (➡)	read the quick note
or	
	open the Quick Note Menu to perform other procedures as described in the following list



The **Quick Note Menu** can include the following options:

Option	Description
New	Create a new quick note.
Edit	Edit the quick note.
Delete	Delete the quick note.
Send	Open a new message with the quick note in the Msg field.

Inserting Pictures, Animations, and Sounds

You can insert pictures, animations, and sounds into a text message as you compose it.

Note: You must subscribe to Enhanced TXT Messaging service to send or receive messages with pictures, animations or sounds. Some phones do not support Enhanced TXT Messaging, and cannot display or play attached pictures, animations, or sounds.

Insert a File

Enter your message as usual. When you come to a spot where you want to insert a picture or sound file:

Press	To
1	open the Message Menu
2	scroll to Insert
3 SELECT (display a list of items you can insert

Press	To
4 	scroll to Quick Note, Picture, Animation, or Sound
5 SELECT (→)	select the file type
6 	highlight the file you want
7 INSERT (→)	insert the file

Inserted animations or graphics appear in the message, while sound files are represented by a .

Note: You cannot forward or send some downloaded objects (such as those you pay for). These “protected” objects do not appear in the selection lists for attachments.

Viewing the Status of Sent Text Messages

Messages that you send are stored in the outbox.

Find the Feature  > **Messages** > **Outbox**

Messages in the outbox are sorted from newest to oldest. The following indicators show message status:

 = sending in progress  = sent

 = sending failed



Ring Styles



Your phone rings or vibrates to notify you of an incoming call or other event. This ring or vibration is called an *alert*. You can select one of five different ring styles:

= loud ring

= soft ring

= vibrate

= vibrate and ring

= silent

The ring style indicator in the display shows the current ring, see page 23.

Each ring style contains settings for specific event alerts, ringer ID, and ringer and keypad volume.

Selecting a Ring Style

Find the Feature

> Ring Styles > Style

Press	To
1	scroll to the ring style
2 SELECT ()	select the ring style

Customizing a Ring Style

Change Style Settings

You can change the alerts that notify you of the following events: incoming phone and PTT calls, text messages,

voicemail messages, data calls, fax calls, alarms, and reminders. Any changes you make are saved to the current ring style.

Find the Feature

▶ > Ring Styles

> Style Detail



Note: *Style* represents the current ring style.

Press	To
1 □	scroll to the event
2 CHANGE (▷)	select the event
3 □	scroll to the alert you want
4 SELECT (▷)	select the alert

Ring Styles

Activate and Deactivate Ringer IDs

When ringer IDs are turned on, your phone uses distinctive ringer alerts to notify you of incoming calls or messages from specific entries stored in your phonebook. To open a phonebook entry and assign a ringer ID, see page 93.

Find the Feature

▶ > Ring Styles

> Style Detail

Note: *Style* represents the current ring style.

Press	To
1 □	scroll to Ringer IDs
2 CHANGE (▷)	change the ringer IDs setting
3 □	scroll to On or Off
4 SELECT (▷)	select the option



Set Ringer or Keypad Volume

Find the Feature

> Ring Styles
> Style Detail

Note: Style represents the current ring style.

Press	To
1	scroll to Ring Volume or Key Volume
2 * or #	scroll to the desired volume
3 OK (confirm the new volume

Creating and Editing Alert Tones

You can create and store custom alert tones on your phone. The tones appear in the list of available alerts.

Creating a Tone

Find the Feature

> Ring Styles
> My Tones
> [New Tone]

Press	To
1 CHANGE (<td>select Notes</td>	select Notes
2 or keypad keys	enter notes for the tone (see the following section)
3 OK ()	store the notes

Press	To
4 CHANGE (➡)	select Name
5 keypad keys	enter the name for the tone
6 OK (➡)	store the name
7 DONE (➡)	store the tone



Entering Notes

Press [] up or down to select a note in octaves 0-8.

Basic notes: c d e f g a b **Sharp Notes:** #c #d #f #g #a

You can also enter note details and rests. For example, *2#g0r plays a second-octave G sharp whole note followed by a rest. Press number keys repeatedly to cycle through the options in the following table.

Note Table

Key	Display	Description
1	1	1/2 note, as in *4c1
	.	dotted note, as in *4c. which is 1 and 1/2 counts
	:	double dotted note, as in *1a: which is 1 and 3/4 counts
	;	2/3 length note, as in *1a; which is 2/3 of a count
2 ABC	a	A note
	b	B note
	c	C note
	2	1/2 note, as in *4c2



Key	Display	Description
3 DEF	d	D note
	e	E note
	f	F note
	3	1/8 note, as in *4c3
4 GHI	g	G note
	4	1/16 note, as in *1c4
5 JKL	5	1/32 note, as in *4c5
6 MNO	6	sets octave six, as in *6
7 PQRS	r	inserts a rest (you can add length modifiers, such as r1)
	7	sets octave seven, as in *7
8 TUV	8	sets octave eight, as in *8
0 OPS	0	whole note, as in *4c0
	*	sets an octave when followed by 0-8, as in *4c for a C note in octave four
	#	sharp note, as in *4#c
	&	flat note, as in *4&d
← *	move cursor left	
# →	move cursor right	

Example

To create a simple tone, enter notes by pressing up and down, and enter rests by pressing .

For example:



Press	To	Display
1	scroll up to *4c , then wait for the highlight to disappear	*4c
2	scroll up to *4d The phone adds a 2 after each note, to indicate it is a half note. To change the length, see page 131.	*4c2*4d
3	scroll up to *4e	*4c2*4d2*4e
4	enter a rest	*4c2*4d2*4e2r
5	scroll down to *4c	*4c*4d*4e2r2*4c
6	play the tone	
> Play		
A11		



Editing a Tone

You cannot edit the standard alert tones included with your phone. To edit a custom tone that you created:

Find the Feature



> Ring Styles
> My Tones

Press	To
1	scroll to the tone
2 EDIT ()	open the tone details
3	scroll to Name or Notes
4 CHANGE ()	select the details to edit
5	enter new text or notes
or	
keypad keys	
6 OK ()	store the details

Deleting a Tone

You cannot delete the standard alert tones included with your phone. To delete a custom tone that you created:

Find the Feature



> Ring Styles
> My Tones

Press	To
1	scroll to the tone
2	open the My Tones Menu
3	scroll to Delete
4 SELECT ()	select Delete

Press	To
5 YES (▷)	confirm the deletion

Storing a Tone from a Text Message

To store a tone you receive in a text message, see page 126.



Setting Reminders

A reminder is an alert that rings or vibrates at regular intervals to notify you about a voicemail or text message that you have received.

Find the Feature

◀ ▶ > Ring Styles
 > Style Detail
 > Reminders

Note: Style represents the current ring style.

Press	To
1 □	scroll to Beep or Vibrate to set the reminder alert type, or Off to turn off all reminders
2 SELECT (▷)	select the reminder alert

Shortcuts

Your phone includes several standard shortcuts. You can create additional shortcuts to frequently used menu items.

Standard Shortcuts

The following shortcuts are pre-programmed in your phone. You cannot edit or delete these shortcuts.



Do This	To
Press  , then press and hold  (within 2 seconds)	zoom in/out on your phone display text
Press  #	see your phone number
Press 	go to the dialed calls list
Press 	exit the menu system

Creating a Shortcut

You can create a keypad shortcut *plus* an optional voice shortcut to a menu item. A voice shortcut takes you directly to the menu item when you say the shortcut name.

Tip: Make your recording in a quiet location. Hold the phone about 4 inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.

Action	To
1 Press 	enter the menu system

Action	To
2 Press 	scroll to the menu item
3 Press and hold 	open the shortcut editor
	Note: You cannot create a shortcut for the PTT feature.
4 Press YES ()	view shortcut options
5 Press CHANGE ()	change the keypad shortcut number
or	
Press DONE ()	select the default keypad shortcut number
or	
Press 	scroll to Voice to assign a voice shortcut
6 Press RECORD ()	begin recording
7 Press and release the voice key and say the shortcut's name (in 2 seconds)	record the shortcut name
8 Press and release the voice key and repeat the name	confirm the shortcut name
9 Press DONE ()	store the shortcut name

Using Shortcuts

Use a Keypad Shortcut

Press	To
1 	open the main menu
2 a number key	go to the menu item with that shortcut number



Select a Shortcut From the List

Find the Feature

 > Shortcuts
 > *shortcut name*

Use a Voice Shortcut

Action	To
1 Press 	open the menu
2 Press and release the voice key and say the shortcut's name (in two seconds)	go to the menu item with that shortcut name

Voice Record

You can record personal messages and phone calls on your phone.

Making a Recording

Use this procedure to record your voice from the idle display, or to record a phone call in progress. *When recording a phone call, only the incoming voice is recorded.* Your phone plays an alert tone to notify the other party that the call is being recorded.

Note: Recording phone calls is subject to varying state and federal laws regarding privacy and recording of conversations.

Tip: Make your recording in a quiet location. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.

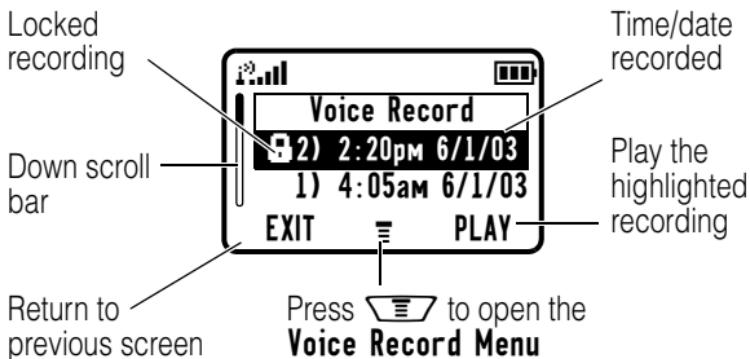


Action	Result
1 Press and hold the voice key for the duration of the recording.	The phone sounds an alert tone and begins recording.
2 Speak.	The phone records.
3 Release the voice key to stop recording.	The phone displays the voice recording number and total recording time.

Viewing the Voice Record List

Find the Feature

 > Voice Record



Playing a Recording

Find the Feature

 > Voice Record

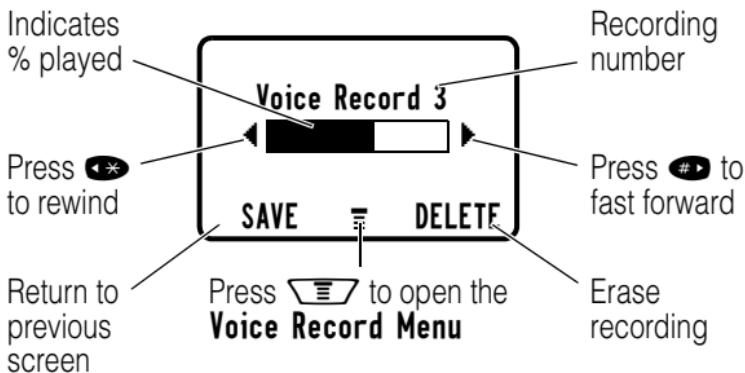
Press	To
1 	scroll to the recording
2 PLAY ()	play the recording

When you connect an optional Motorola Original™ headset or FM Stereo Radio Headset accessory to your phone, playback is automatically routed to the headset.

Tip: You can play a recording while on a call. It will not be transmitted to the other party.

Playback Screen

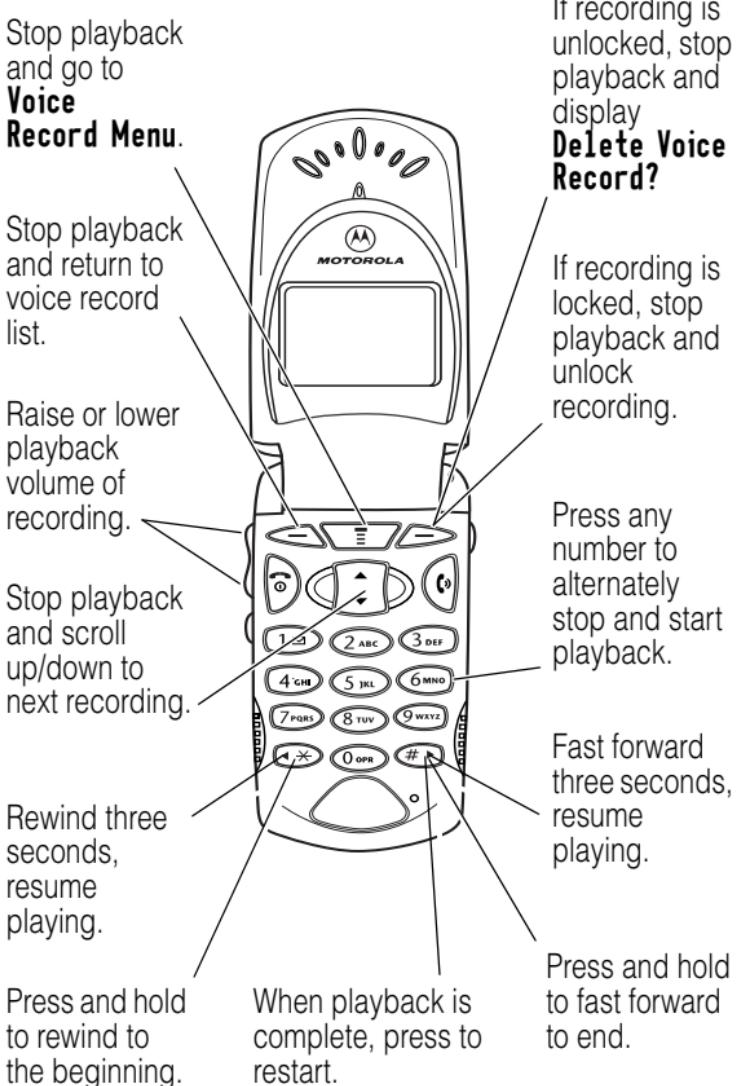
The playback screen appears when the recording plays.



Voice Record



Voice Record Controls



Locking and Unlocking a Recording

Lock a recording to prevent it from being deleted. You must unlock a recording to delete it.

Find the Feature

▼ > Voice Record

Press	To
1	scroll to the recording
2	open the Voice Record Menu
3	scroll to Lock or Unlock
4 SELECT ()	lock or unlock the recording

To lock or unlock a recording during playback:

Press	To
1	open the Voice Record Menu
2	scroll to Lock or Unlock
3 SELECT ()	lock or unlock the recording

Playback stops when you lock or unlock a recording. Press any number key to resume playback.



Deleting a Recording

Find the Feature

 > **Voice Record**

Press	To
1 	scroll to the recording
2 	open the Voice Record Menu
3 	scroll to Delete or Delete All
4 SELECT ()	select the highlighted option
5 YES ()	confirm the deletion

or

NO ()	cancel deletion
---	-----------------

Notes:

- You cannot delete a locked recording.
- You cannot recover a deleted recording.

Micro-Browser



The micro-browser lets you access Web pages and Web-based applications on your phone. Contact Verizon Wireless to set up access, if necessary.



Starting a Micro-Browser Session

Find the Feature

 > Browser

Press	To
1 	scroll to a bookmark, service, or application
2 SELECT (▷)	select the item
3 	exit the browser

Shortcut: If you open a text message with a Web address (URL) embedded in it, you can press  > **Go To** to launch the micro-browser and go directly to the URL.

If you are unable to establish a network connection with the micro-browser, contact Verizon Wireless.



Interacting With Web Pages

Press	To
	scroll through text, or highlight a selectable item
SELECT ()	select the highlighted item
	call the highlighted phone number from the micro-browser
keypad keys, followed by OK ()	enter information Tip: Press DELETE () to delete one letter at a time if you make a mistake.
BACK () or	go back to the previous page
	open the Browser Menu

Calculator

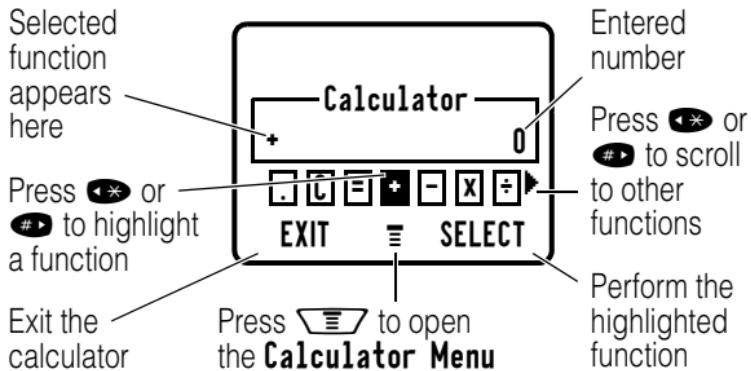
You can use your phone as a calculator and currency converter.

Calculating Numbers

Find the Feature

⊜ > Calculator

Press	To
1 number keys	enter a number
2 ☈ or ☉	highlight a calculator function
3 SELECT (⇒)	perform the function



The calculator can perform the following functions:

Function	Description
.	Insert a decimal point
C	Clear the calculation
CE	Clear entry (replaces C when you enter subsequent values in a calculation)
=	Calculate the result
+	Add
-	Subtract
x	Multiply
÷	Divide
%	Divide the displayed value by 100
±	Change the entry's sign (positive/negative)
\$	Calculate the exchange rate
MS	Store the value in memory (overwrites current stored value)
MC	Clear the value stored in memory
MR	Replace the displayed value with the value stored in memory



Converting Currency

The currency converter works just like the calculator, but uses the \$ (currency) function:

Find the Feature

 > Calculator

 > Exchange Rate

Press	To
1 number keys	enter the exchange rate
2 OK ()	store the exchange rate
3 number keys	enter the amount to convert (amount to multiply by the exchange rate)
4  or 	highlight the \$ function
5 SELECT ()	perform the conversion



Get It Now



With Get It Now, you can download and store new ring tones.

Downloading an Application

Find the Feature



> Get It Now

> Get It Now Shop

Press	To
1 START (◀)	connect to Get It Now shop Your phone displays a list of application categories
2 ▴	scroll to a category
3 SELECT (▷)	view a list of applications available for downloading
4 ▴	scroll to the application you want to download

Press**5 SELECT (→)****To**

view pricing options for the application

Pricing options vary by application. You may be presented with options to purchase the application, subscribe for a monthly fee, or pay an unlimited usage charge.

6 □

scroll to the purchase you wish to make

7 SELECT (→)

select your purchase

8 YES (←)

confirm your purchase

Your phone downloads and installs the application. The phone then asks if you wish to run the application.

9 YES (←)

launch the application

or

NO (→)

exit Get It Now shop



Launching an Application

Find the Feature



> **Get It Now**

> *application*

Get It Now



Notes:

- If you receive an incoming call while using an application, your phone pauses the application, notifies you of the call, and prompts you to answer. When the call ends, the phone gives you the option to return to the application.
- If you receive an incoming call while downloading an application, your phone forwards the call to your voicemail. If you do not have voicemail, the caller receives a busy signal.

Disabling or Removing an Application

The memory capacity of your phone determines how many applications you can have installed at one time. To free up memory for a new application, you can temporarily disable an existing application, or permanently remove the existing application from your phone.

When you *disable* an application, your phone removes the application from memory but retains the purchase information. You can restore the disabled application at a later time for no additional charge.

When you *remove* an application, your phone completely removes the application from the phone. To reinstall the

application, you must download it and pay for it again as described on page 150.

Find the Feature



> Get It Now

> Get It Now Shop



Get It Now

Press

To

1 OPTIONS (▷)

view the list of applications installed on your phone

2 □

scroll to the application you want

3 SELECT (▷)

view the application's memory usage information, and expiration information, if applicable

4 DISABLE (▷)

temporarily disable the application

or

REMOVE (▷)

permanently remove the application from memory

5 YES (▷)

confirm your selection

Your phone disables or removes the application

Note: Airtime charges apply to remove an application subscription. Contact Verizon Wireless for more information.

Restoring a Disabled Application

Get It Now



Find the Feature



> Get It Now

> Get It Now Shop

Press	To
1 OPTIONS (◀▶)	view the list of applications installed on your phone
2 □	scroll to the application you want to restore
3 SELECT (◀▶)	view the application's memory usage information, and expiration information, if applicable
4 RESTORE (◀▶)	restore the application
or	
REMOVE (◀▶)	permanently remove the application from memory

Note: Airtime charges apply to restore an application. Contact Verizon Wireless for more information.

Viewing Get It Now Information and History

To view the total amount of phone memory available for Get It Now applications, and the memory used for current installed applications:



Find the Feature



- > Get It Now
- > Get It Now Shop
- > Options
- > Information

To view Get It Now version information, and a log of application activities:

Find the Feature



- > Get It Now
- > Get It Now Shop
- > Options > View Log

Your phone lists the date(s) on which application activities occurred. Highlight a date to view the action performed on that date. Your phone documents the following activities:

- download and install application
- disable application
- remove application
- restore application
- end application subscription

Adjusting Your Settings

Reordering Menu Items

You can reorder the items in your phone's main menu.



Find the Feature



- > Settings
- > Other Settings
- > Personalize
- > Main Menu

Press	To
1 	scroll to a menu item
2 GRAB ()	grab the menu item
3 	move the item to a new location in the menu
4 INSERT ()	insert the menu item

Customizing a Soft Key Function

You can relabel the soft keys (\leftarrow and \rightarrow) to access different menu items from the idle display.

Find the Feature

 > Settings

> Other Settings

> Personalize > Keys

Press	To
1 	scroll to Left, Right, or Smart
2 CHANGE (\rightarrow)	select the key
3 	scroll to the new key function
4 CHANGE (\rightarrow)	confirm the new function





Screen Saver

You can set a picture or an animation as a screen saver image in your phone's idle display. The image is displayed when no activity is detected for a specified time period.

The screen saver image is shrunk to fill the display, if necessary. An animation repeats for one minute, then the first frame of the animation is displayed.

Find the Feature

≡ > **Settings**
 > **Other Settings**
 > **Personalize**
 > **Screen Saver**

Press	To
1	scroll to Picture
2 CHANGE ()	open the picture viewer
3	scroll to a picture/animation Scroll to (None) to turn off the screen saver image.
4 SELECT ()	select the image
5	scroll to Delay
6 CHANGE ()	set the delay interval
7	scroll to the inactivity interval that triggers the screen saver
8 SELECT ()	confirm the delay setting
9 DONE ()	save screen saver settings

Hiding or Showing Location Information

Your phone can use the *automatic location information* (ALI) feature to tell the network where you are physically located.



When ALI is set to **Location On**, your phone displays the ☎ (ALI on) indicator. Services may use your known location to provide useful information (for example, driving directions, or the location of the nearest bank). Your phone prompts you when the network or a service asks for your location. You can refuse at this point.



When ALI is set to **911 Only**, your phone displays the ☎ (ALI off) indicator, and the phone does not send location information unless you call the emergency phone number (such as 911).

Find the Feature

◀ ▶ > Settings > Location

Press	To
1 □	scroll to Location On or 911 Only
2 SELECT (▷)	select the setting

TTY Operation



You can use an optional TTY device with your phone to send and receive calls. You must plug the TTY device into the phone's headset jack and set the phone to operate in one of three TTY modes.

Notes:

- Use a TSB-121 compliant cable (provided by the TTY manufacturer) to connect the TTY device to your phone.
 - Set the phone volume to level 4 (middle setting) for proper operation. If you experience a high number of incorrect characters, adjust the volume as necessary to minimize the error rate.
- For optimal performance, your phone should be at least 12 inches (30 centimeters) away from the TTY device. Placing the phone too close to the TTY device may cause high error rates.

Set TTY Mode

When you set your phone to a TTY mode, it operates in that mode whenever the TTY device is connected.

Find the Feature

► > Settings
 > Other Settings
 > Initial Setup
 > TTY Setup

Press	To
1 ►	scroll to TTY Setup
2 CHANGE (➡)	change the TTY mode
3 □	scroll to the TTY mode
4 SELECT (➡)	select the TTY mode

The **TTY Setup** menu can include the following options:

Option	Description
TTY	Transmit and receive TTY characters
VCO	Receive TTY characters but transmit by speaking into the microphone
HCO	Transmit TTY characters but receive by listening to the earpiece
Voice	Return to normal voice mode

- When your phone is in a TTY mode, the international TTY symbol and the mode setting are shown in the display during an active digital TTY call. You can press **TTYMODE** (➡) to change the mode setting.



Switch to TTY Mode During a Voice Call

Press	To
1	open the Call menu
2	scroll to TTY Setup
3 SELECT ()	display the TTY Setup menu
4	scroll to the TTY mode
5 SELECT ()	select the TTY mode



Return to Voice Mode

To return to normal voice mode, select **Voice** from the **TTY Setup** menu as described on page 161.

Hands-Free Use



You can purchase an optional Motorola Original™ hands-free car kit or headset for your phone.

These accessories provide alternative ways for you to use your phone without using your hands.

Note: The use of wireless devices and their accessories may be prohibited or restricted in certain areas. Always obey the laws and regulations on the use of these products.

Automatic Answer

You can set your phone to automatically answer calls after two rings (four seconds) when connected to a car kit or headset.

Find the Feature

⊜ > Settings
> Other Settings

Press	To
1 ☰	scroll to Car Settings or Headset
2 SELECT (⇒)	select the feature
3 ☰	scroll to Auto Answer
4 CHANGE (⇒)	select Auto Answer
5 ☰	scroll to On or Off
6 SELECT (⇒)	confirm the setting



Automatic Hands-Free

You can set your phone to automatically route calls to a car kit when it detects a connection.

Find the Feature

⊜ > Settings
> Other Settings
> Car Settings
> Auto Handsfree

Press	To
1 ☰	scroll to On or Off
2 SELECT (⇒)	confirm the setting



Power-Off Delay

When your phone is connected to a car kit, you can set it to stay on for a period of time after you switch off the ignition. This prevents the phone from draining your vehicle battery, but leaves the phone on long enough that you do not have to re-enter your unlock code when making short stops.

Note: This feature may not work with all car ignition switches.

Caution: If you select **Continuous**, the phone does not power off when you turn off the ignition. Be careful not to drain your vehicle battery if you select this option.

Find the Feature



- > Settings
- > Other Settings
- > Car Settings
- > Power-Off Delay

Press	To
1 	scroll to the time delay
2 SELECT ()	confirm your selection

Charger Time

When your phone is connected to a car kit, you can set it to charge itself for a specified time period after you switch off the ignition. This helps ensure that the phone battery gets fully charged while the vehicle is parked.

Note: This feature may not work with all car ignition switches.

Find the Feature

▼ > Settings
 > Other Settings
 > Car Settings
 > Charger Time



Press	To
1	scroll to the charge time
2 SELECT (confirm your selection

Data and Fax Calls



An optional Motorola Original™ data kit (which includes a cable connector) lets you transfer data between your phone and a computer, Palm OS® compatible device, or Microsoft Windows CE, Pocket PC, or Handheld PC device. You can:

- Synchronize phonebook and datebook information between your phone and a computer or PDA.
- Use your phone as a modem to connect to the Internet.
- Use your phone to send and receive data and fax calls on your computer or hand-held device.



Making a Cable Connection

Install the Software

To transfer data between your phone and computer, you must install the software included with the Motorola Original data kit. See the data kit's user guide for more information.

Attach the Cable

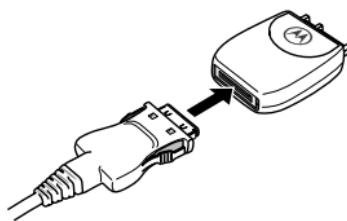
Use a Motorola Original serial cable or Motorola Original USB cable to connect your phone to the external device.

Note: Not all devices are compatible with a cable connection. Check your computer or hand-held device to determine the type of cable you need.

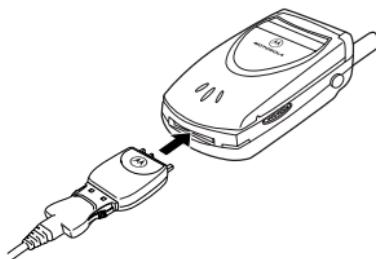
Serial Cable

Do This

- 1 Plug the serial cable into the detachable head. Make sure that the Motorola logo on the detachable head and the metal shielding on the serial cable plug are both facing you.



- 2 With the Motorola logo and the phone both facing you, plug the detachable head into the phone's accessory connector port.



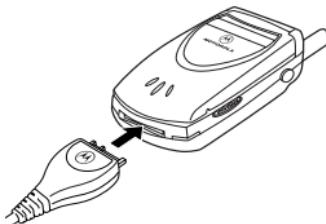
- 3 Plug the other end of the cable into the serial interface connection on the device and tighten the screws, if present.



USB Cable

Do This

- 1** Plug the end of the cable with the Motorola logo into the phone's accessory connector port. Make sure that the logo and the phone are both facing you.



- 2** Plug the other end—the USB connection—into the USB port on the external device.

Synchronizing Data



You can synchronize phonebook and datebook information between your phone, computer, and PDA with Starfish TrueSync® software, a Motorola accessory product. See the TrueSync user guide for more information.

Note: TrueSync software is designed to synchronize with basic features of many popular Personal Information Management (PIM) software and hardware products.

Sending a Data or Fax Call

Use this procedure to send data or a fax from a connected device.

Connect your phone to the device as described on pages 166-168 and do the following:

Do This	To
1 Check the phone	make sure that the phone is connected and powered on
2 Open the application on your computer	place the call through the application (such as dial-up-networking or fax) Note: You cannot dial data or fax numbers through your phone's keypad. You must dial them through your computer.
3 End the call from the connected device	close the call and connection when the transfer is complete



Receiving a Data or Fax Call

Use this procedure to transfer data or a fax to your computer or hand-held device. Connect your phone to the device as described on pages 166-168.

Set Up Your Phone

Find the Feature



- > Settings
- > Other Settings
- > Connection
- > Incoming Call

Do This	To
1 Press CHANGE (▷)	select Next Call
2 Press □	scroll to Data In Only or Fax In Only
3 Press SELECT (▷)	set the call format
4 Connect your phone to the device	enable the data or fax transfer

Note: You cannot answer incoming voice calls when your phone is in data or fax mode. Any voice calls you receive are treated as unanswered calls. To return a voice call, reset your phone to voice mode as described on page 171.

Transfer the Data or Fax

Your phone notifies you when the data or fax call arrives, and transfers the call to the connected device. Use the application running on the device to answer the call.

End the Data/Fax Connection

When the data or fax transfer is complete, end the call from the connected device to close the connection.

Reset Normal Voice Operation

After making a data or fax call, you must reset your phone to resume normal voice operations.

Find the Feature



- > Settings
- > Other Settings
- > Connection
- > Incoming Call
- > Next Call > Normal



Shortcut: Turn your phone off and back on.

Assigning a New Code or Password

Your phone's unlock code is originally set to 1234, and the security code is originally set to 000000. Verizon Wireless may reset these numbers before you receive your phone.

If Verizon Wireless has *not* reset these numbers, we recommend that you change them to prevent other users from accessing your personal information. The unlock code must contain four digits, and the security code must contain six digits.

Notes:

- Verizon Wireless may retain your phone's security code for customer service purposes. In this case, you will not be able to use phone features that require you to enter the security code.
- If the unlock code is the only code you can change, the **New Passwords** menu is not available. In this case, change the unlock code by selecting:
 > **Settings** > **Security** > **Phone Lock**
> **Unlock Code**.



To change a code or password:

Find the Feature

► > Settings > Security
> New Passwords

Press	To
1 □	scroll to the code or password
2 CHANGE (➡)	select the code or password
3 keypad keys	enter your old code
4 OK (➡)	submit your old code
5 keypad keys	enter the new code
6 OK (➡)	assign the new code
7 keypad keys	re-enter the new code
8 OK (➡)	confirm the new code

If You Forget a Code or Password

If you forget your security code, contact Verizon Wireless.

If you forget your unlock code, try entering 1234 or the last four digits of your phone number. If that does not work, do the following at the **Enter Unlock Code** prompt:

Press	To
1 □	go to the unlock code bypass screen
2 keypad keys	enter your security code
3 OK (➡)	submit your security code



Locking and Unlocking Your Phone

You can lock your phone manually or set the phone to lock automatically whenever you turn it off.

To use a locked phone, you must enter the unlock code. A locked phone still rings or vibrates for incoming calls or messages, *but you must unlock it to answer.*

You can make emergency calls on your phone even when it is locked. For more information, see page 54.

Lock Your Phone Manually

Find the Feature



> Settings > Security
> Phone Lock
> Lock Now

Press	To
1 keypad keys	enter your unlock code
2 OK (➡)	lock the phone



Set Your Phone to Lock Automatically

You can set your phone to lock every time you turn it off.

Find the Feature

◀ ▶ > Settings > Security

> Phone Lock

> Automatic Lock > On

Press	To
1 keypad keys	enter your unlock code
2 OK (▷)	activate automatic lock

Unlock Your Phone

At the **Enter Unlock Code** prompt:

Press	To
1 keypad keys	enter your unlock code
2 OK (▷)	unlock your phone

Restricting Calls

You can stop all incoming and/or outgoing calls, or you can restrict outgoing calls to the numbers stored in your phonebook.

Notes:

- You can make emergency calls when outgoing calls are restricted.



• Your phone still receives incoming text messages when incoming calls are restricted.

Find the Feature

 > Settings > Security
> Restrict Calls

Press	To
1 keypad keys	enter your unlock code
2 OK (→)	open the restrict calls menu
3 □	scroll to Outgoing Calls or Incoming Calls
4 CHANGE (→)	select the option
5 CHANGE (→)	change the Allow setting
6 □	scroll to All , None , or Phonebook
7 SELECT (→)	select the allowed calls

Tip: The phonebook is not locked when you restrict outgoing calls to numbers stored in the phonebook. To prevent a user from adding (and then calling) a new phonebook entry, you may want to lock the phonebook, see page 80.



Troubleshooting

Check these questions first if you have problems with your phone. If you need additional help, contact the Motorola Customer Call Center at 1-800-331-6456 (United States) or 1-800-461-4575 (Canada).

Question	Answer
Is your phone set up correctly?	Press . If you do not see your phone number, contact Verizon Wireless.
Is your battery charged? Do you see in the display?	The battery level indicator should have at least one segment showing (). If it does not, recharge your battery, see page 18.
Does the handset have a signal? Do you see in the display?	The signal strength indicator should have at least one segment showing (). If it does not, move to an area with a stronger signal to use your phone.
Is the earpiece volume too low?	While on a call, press the upper volume button on the side of your phone.



Question	Answer
Is the other party unable to hear you?	Make sure that your phone is not muted. Press UNMUTE () if necessary to unmute the phone. Also, make sure that your phone's microphone is not blocked by its carrying case or a sticker.
Has the phone been damaged, dropped, or gotten wet?	Dropping your phone, getting it wet, or using a non-Motorola battery or battery charger can damage the phone. The phone's limited warranty does not cover liquid damage or damage caused from using non-Motorola accessories.
Was a non-Motorola battery or battery charger used?	

The following refer to PTT specific problems:

Question	Answer
Does your battery life seems shorter than for normal phone calls?	The PTT feature allows you to stay connected constantly, so the phone requires frequent interaction with the network. Therefore, your phone uses more battery power compared to non-PTT phones.

Question	Answer
Do you seem to miss more phone calls than you used to?	When you are on an active PTT call, your incoming calls are automatically forwarded to voicemail.
Is part of your message lost while you are on a PTT call?	Be sure to wait for the OK to Talk tone before talking. Be sure Talking to... displays before talking. Be sure to keep holding down  while you talk.
The 1X on the screen sometimes changes from  to . What does it mean?	When  displays, your phone is connected to the PTT server. When  displays, your phone is not connected to the server. Wait a few minutes for your phone to reconnect to the PTT server. Turn off the phone, then back on again to reconnect immediately.
How come I can not access and view my PTT contacts list.	Is  displayed on the screen? You must be in the 1X coverage area to access and view your PTT contacts list.



Question	Answer
How come I do not receive all missed call notices.	If you miss an Alert call, you are notified. If you miss a Barge call, you are not notified.
How come I can not enter a PTT number from the keypad.	Make sure your phone is not locked, see page 174.

The following refer to specific problems:

Problem	Solution
My phone was stolen. To whom should I report this?	Report a stolen phone to the police and to Verizon Wireless (or the company that sends you your monthly wireless service bill).
I forgot my password.	See page 174.
I pressed the power key, but nothing happened.	Be sure to press and hold  (the power key) until the display appears and you hear an alert. This could take several seconds. If nothing happens, check that a charged battery is installed, see page 17.



Problem	Solution
The display says: Enter Unlock Code. How do I unlock my phone?	Enter the factory-preset unlock code (1234), or the last four digits of your phone number. If this fails, call Verizon Wireless (or the company that sends you your monthly wireless service bill).
My phone asks for an unlock code when I try to open a feature.	The application you want is locked. If you do not know the unlock code, see page 173.
My phone does not ring.	<p>If you see  or  in the display, then the ringer is turned off, see page 128.</p> <p>Also, the ringer may be set to Silent even though your phone is set to an audible ring style. See page 128.</p>
My phone rings even though I selected the Silent (or Vibrate) ring style.	The ringer may be set to play a tone even though your phone is set to a silent ring style, see page 128.





Problem	Solution
I tried to place a call and heard an alternating high/low tone.	Your call did not reach the wireless system. You may have dialed the number too soon after turning the phone on. Wait until the display says Ready before making a call.
I cannot send/receive calls.	Make sure that you have a phone signal (see the “Signal Strength Indicator” item on page 24). Avoid electrical or radio interference, and obstructions such as bridges, parking garages, or tall buildings. Your phone also may have the Restrict Calls feature turned on. If you know the unlock code, you can change this setting in the security menu ( > Settings > Security).
My phone has poor reception and drops calls.	Make sure that your antenna is not bent or damaged. Also, make sure you have a phone signal (see the “Signal Strength Indicator” item on page 24). Stay clear of any obstructions such as bridges, parking garages, or tall buildings.

Problem	Solution
I cannot hear others on my phone.	While on a call, press the upper volume key. The display should show the volume increasing. Also, make sure that your phone's earpiece is not blocked by its carrying case.
I cannot open my message inbox.	Before you can use text messages, you must set up the message inbox, see page 116.
How do I see the calls I sent or received?	To see the most recent calls you dialed or received:  > Recent Calls > Received Calls or Dialed Calls



Problem	Solution
My phone will not send voicemail commands, passwords, or other codes.	<p>Your phone sends commands and passwords as DTMF tones. You can set your phone's DTMF tones to be Long, Short, or Off. If you have trouble sending numbers, try changing the DTMF setting.</p> <ol style="list-style-type: none"><li data-bbox="438 388 871 424">1 From the idle display, press:<li data-bbox="489 448 871 560"> > Settings > Other Settings > Initial Setup > DTMF<li data-bbox="438 582 891 731">2 Press  to scroll to Long or Short (some analog networks may not recognize short tones).<li data-bbox="438 753 886 828">3 Press SELECT () to select it.
My phone's display is too dark.	<p>Use the Contrast feature to change the level of contrast in your display. See page 84.</p> <p>You can also use the Backlight feature to change the length of time that the display backlight stays on. See page 83.</p>



Problem	Solution
My battery didn't last as long as I expected. What can I do to extend battery life	Your battery's performance is affected by charge time, feature use, temperature changes, backlight use, and other factors. For tips on extending your battery life, see page 28.
I am unable to record a voice note, voice name, or voice shortcut.	Try moving to a quieter location to make your voice recording. Hold the phone about four inches (10 centimeters) from your mouth, and speak directly into the phone in a normal tone of voice.
My TTY device doesn't work with my phone.	Your phone must be set to a TTY mode for the phone to detect your TTY device. See page 160.
I plugged the data cable into my phone but my phone did not beep. How do I know if the data cable is ready to go?	The beep indicates that you are set up correctly. If you did not hear a beep, make sure that both ends of the data cable are connected—the smaller end to your phone and the larger end to your computer. Also, your computer may have deactivated the port to save power. Try opening an application that uses the port, like a fax or dial-up application, to automatically activate the port.





Problem	Solution
My phone beeped when I attached the data cable, but my data and fax applications don't work.	<p>You must be in an area with digital coverage. Check your phone's display for the digital signal indicator (■).</p> <p>Some wireless networks may not support data or fax transmission. If you see the digital indicator, but you are roaming on an unfamiliar network, this may be the case.</p> <p>Also, remember that data and fax transmission usually requires a subscription. Call Verizon Wireless for more information.</p>
When sending data with the data cable, why does the computer show a connection rate of 19200 Kbps?	<p>19200 Kbps is the data transfer rate of the connection between your computer and the phone.</p> <p>The rate of data transfer between your phone and the network is displayed on your phone and can be up to 153 kbps.</p>
I can't end my data call by closing the application on my computer. What can I do?	<p>Try pressing ☎ on your phone. Or try disconnecting the cable or turning off the phone. If possible, always close the connection through your computer, as these alternative methods may disrupt the application on your computer.</p>

Problem	Solution
I launched the micro-browser but the display says: Service Not Available.	<p>You may be in an area without service. If you have wireless service, look in the display for the digital signal indicator (■). If you do not see the indicator, you may be in an area that has only analog service or no service at all. If you see the digital signal indicator, you may be connected to a digital network that does not support Internet access.</p>
I launched the micro-browser but the display says: Data Server Unavailable.	<p>Try again in a few minutes. The servers may be temporarily busy.</p>



Programming Instructions

Follow this procedure if you need to program your phone's phone number(s) or system ID.

Note: Programming is normally done by a trained technician at the site of purchase. Users should not make changes other than ones in the following procedure.

Before programming, ask Verizon Wireless for your:

- 10-digit MIN (Mobile Identification Number)
- 8- to 15-digit IMSI (International Mobile Service Identifier)
- 8- to 15-digit MDN (Mobile Directory Number)
- 5-digit AMPS Sys ID number
- 5-digit CDMA Sys ID number

Do This	To
1 Press , , , , , , ,	open the user activation menu (These keys spell P-H-O-N-E + , , .)
2 Press	scroll to NAM1 (phone number 1) or NAM2 (phone number 2)
3 Press SELECT (open the NAM programming menu

Do This	To
4 Press the keypad keys for the 10-digit MIN	open the MIN editor and enter the new MIN
5 Press OK (☞)	store the new MIN
6 Similarly, enter appropriate numbers for the IMSI, MDN, AMPS Sys ID, and CDMA Sys ID	
7 Press DONE (☞)	close the NAM programming menu
8 Press EXIT (☞)	close the user activation menu

Specific Absorption Rate Data

The model wireless phone meets the government's requirements for exposure to radio waves.

Your wireless phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and by the Canadian regulatory authorities. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the general population. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age or health.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and by the Canadian regulatory authorities is 1.6 W/kg.¹ Tests for SAR are conducted using standard operating positions accepted by the FCC and by Industry Canada with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer you are to a wireless base station, the lower the power output.

Before a phone model is available for sale to the public in the U.S. and Canada, it must be tested and certified to the FCC and Industry Canada that it does not exceed the limit established by each government for safe exposure. The tests are performed in positions and locations (e.g., at the ear and worn on the body) reported to the FCC and available for review by Industry Canada. The highest SAR value for this model phone when tested for use at the ear is 1.3 W/kg, and when worn on the body, as

described in this user guide, is 0.55 W/kg. (Body-worn measurements differ among phone models, depending upon available accessories and regulatory requirements).²

While there may be differences between the SAR levels of various phones and at various positions, they all meet the governmental requirements for safe exposure. Please note that improvements to this product model could cause differences in the SAR value for later products; in all cases, products are designed to be within the guidelines.

Additional information on Specific Absorption Rates (SAR) can be found on the Cellular Telecommunications & Internet Association (CTIA) Web site:

<http://phonefacts.net>

or the Canadian Wireless Telecommunications Association (CWTA) Web site:

<http://www.cwta.ca>

1. In the United States and Canada, the SAR limit for mobile phones used by the public is 1.6 watts/kg (W/kg) averaged over one gram of tissue. The standard incorporates a substantial margin of safety to give additional protection for the public and to account for any variations in measurements.
2. The SAR information includes the Motorola testing protocol, assessment procedure, and measurement uncertainty range for this product.

**The U.S. Food and Drug
Administration's Center for
Devices and Radiological Health
Consumer Update on Mobile Phones**



FDA has been receiving inquiries about the safety of mobile phones, including cellular phones and PCS phones. The following summarizes what is known—and what remains unknown—about whether these products can pose a hazard to health, and what can be done to minimize any potential risk. This information may be used to respond to questions.

Why the concern?

Mobile phones emit low levels of radio frequency energy (i.e., radio frequency radiation) in the microwave range while being used. They also emit very low levels of radio frequency energy (RF), considered non-significant, when in the stand-by mode. It is well known that high levels of RF can produce biological damage through heating effects (this is how your microwave oven is able to cook food). However, it is not known whether, to what extent, or through what mechanism, lower levels of RF might cause adverse health effects as well. Although some research has been done to address these questions, no clear picture of the biological effects of this type of radiation has emerged to date. Thus, the available science does not allow us to conclude that mobile phones are absolutely safe, or that they are unsafe. However, the available scientific evidence does not demonstrate any adverse health effects associated with the use of mobile phones.

What kinds of phones are in question?

Questions have been raised about hand-held mobile phones, the kind that have a built-in antenna that is positioned close to the user's head during normal telephone conversation. These types of mobile phones are of concern because of the short distance between the phone's antenna—the primary source of the RF—and the person's head. The exposure to

RF from mobile phones in which the antenna is located at greater distances from the user (on the outside of a car, for example) is drastically lower than that from hand-held phones, because a person's RF exposure decreases rapidly with distance from the source. The safety of so-called "cordless phones," which have a base unit connected to the telephone wiring in a house and which operate at far lower power levels and frequencies, has not been questioned.

How much evidence is there that hand-held mobile phones might be harmful?

Briefly, there is not enough evidence to know for sure, either way; however, research efforts are on-going. The existing scientific evidence is conflicting and many of the studies that have been done to date have suffered from flaws in their research methods. Animal experiments investigating the effects of RF exposures characteristic of mobile phones have yielded conflicting results. A few animal studies, however, have suggested that low levels of RF could accelerate the development of cancer in laboratory animals. In one study, mice genetically altered to be predisposed to developing one type of cancer developed more than twice as many such cancers when they were exposed to RF energy compared to controls. There is much uncertainty among scientists about whether results obtained from animal studies apply to the use of mobile phones. First, it is uncertain how to apply the results obtained in rats and mice to humans. Second, many of the studies that showed increased tumor development used animals that had already been treated with cancer-causing chemicals, and other studies exposed the animals to the RF virtually continuously—up to 22 hours per day.

For the past five years in the United States, the mobile phone industry has supported research into the safety of mobile phones. This research has resulted in two findings in particular that merit additional study:

- 1 In a hospital-based, case-control study, researchers looked for an association between mobile phone use and either glioma (a type of brain cancer) or acoustic neuroma (a benign tumor of the nerve sheath). No statistically significant association was found between

mobile phone use and acoustic neuroma. There was also no association between mobile phone use and gliomas when all types of gliomas were considered together. It should be noted that the average length of mobile phone exposure in this study was less than three years.

When 20 types of glioma were considered separately, however, an association was found between mobile phone use and one rare type of glioma, neuroepitheliomatous tumors. It is possible with multiple comparisons of the same sample that this association occurred by chance. Moreover, the risk did not increase with how often the mobile phone was used, or the length of the calls. In fact, the risk actually decreased with cumulative hours of mobile phone use. Most cancer causing agents increase risk with increased exposure. An ongoing study of brain cancers by the National Cancer Institute is expected to bear on the accuracy and repeatability of these results.¹

- 2 Researchers conducted a large battery of laboratory tests to assess the effects of exposure to mobile phone RF on genetic material. These included tests for several kinds of abnormalities, including mutations, chromosomal aberrations, DNA strand breaks, and structural changes in the genetic material of blood cells called lymphocytes. None of the tests showed any effect of the RF except for the micronucleus assay, which detects structural effects on the genetic material. The cells in this assay showed changes after exposure to simulated cell phone radiation, but only after 24 hours of exposure. It is possible that exposing the test cells to radiation for this long resulted in heating. Since this assay is known to be sensitive to heating, heat alone could have caused the abnormalities to occur. The data already in the literature on the response of the micronucleus assay to RF are conflicting. Thus, follow-up research is necessary.²

FDA is currently working with government, industry, and academic groups to ensure the proper follow-up to these industry-funded research findings. Collaboration with the Cellular Telecommunications Industry Association (CTIA) in particular is expected to lead to FDA providing research recommendations and scientific oversight of new CTIA-funded research based on such recommendations.

Two other studies of interest have been reported recently in the literature:

- 1 Two groups of 18 people were exposed to simulated mobile phone signals under laboratory conditions while they performed cognitive function tests. There were no changes in the subjects' ability to recall words, numbers, or pictures, or in their spatial memory, but they were able to make choices more quickly in one visual test when they were exposed to simulated mobile phone signals. This was the only change noted among more than 20 variables compared.³
- 2 In a study of 209 brain tumor cases and 425 matched controls, there was no increased risk of brain tumors associated with mobile phone use. When tumors did exist in certain locations, however, they were more likely to be on the side of the head where the mobile phone was used.

Because this occurred in only a small number of cases, the increased likelihood was too small to be statistically significant.⁴

In summary, we do not have enough information at this point to assure the public that there are, or are not, any low incident health problems associated with use of mobile phones. FDA continues to work with all parties, including other federal agencies and industry, to assure that research is undertaken to provide the necessary answers to the outstanding questions about the safety of mobile phones.

What is known about cases of human cancer that have been reported in users of hand-held mobile phones?

Some people who have used mobile phones have been diagnosed with brain cancer. But it is important to understand that this type of cancer also occurs among people who have not used mobile phones. In fact, brain cancer occurs in the U.S. population at a rate of about 6 new cases per 100,000 people each year. At that rate, assuming 80 million users of mobile phones (a number increasing at a rate of about 1 million per month), about 4800 cases of brain cancer would be expected each year among those 80 million people, whether or not they used their phones. Thus it is not possible to tell whether any individual's cancer arose because of the phone, or whether it would have happened anyway. A key question is whether the risk of getting a particular form of cancer is greater among people who use mobile phones than among the rest of the population. One way to answer that question is to compare the usage of mobile phones among people with brain cancer with the use of mobile phones among appropriately matched people without brain cancer. This is called a case-control study. The current case-control study of brain cancers by the National Cancer Institute, as well as the follow-up research to be sponsored by industry, will begin to generate this type of information.

What is FDA's role concerning the safety of mobile phones?

Under the law, FDA does not review the safety of radiation-emitting consumer products such as mobile phones before marketing, as it does with new drugs or medical devices. However, the agency has authority to take action if mobile phones are shown to emit radiation at a level that is hazardous to the user. In such a case, FDA could require the manufacturers of mobile phones to notify users of the health hazard and to repair, replace or recall the phones so that the hazard no longer exists.

Although the existing scientific data do not justify FDA regulatory actions at this time, FDA has urged the mobile phone industry to take a number of steps to assure public safety. The agency has recommended that the industry:

- support needed research into possible biological effects of RF of the type emitted by mobile phones
- design mobile phones in a way that minimizes any RF exposure to the user that is not necessary for device function
- cooperate in providing mobile phone users with the best possible information on what is known about possible effects of mobile phone use on human health

At the same time, FDA belongs to an interagency working group of the federal agencies that have responsibility for different aspects of mobile phone safety to ensure a coordinated effort at the federal level. These agencies are:

- National Institute for Occupational Safety and Health
- Environmental Protection Agency
- Federal Communications Commission
- Occupational Health and Safety Administration
- National Telecommunications and Information Administration

The National Institutes of Health also participates in this group.

In the absence of conclusive information about any possible risk, what can concerned individuals do?

If there is a risk from these products—and at this point we do not know that there is—it is probably very small. But if people are concerned about avoiding even potential risks, there are simple steps they can take to do so. For example, time is a key factor in how much exposure a person receives. Those persons who spend long periods of time on their hand-held mobile phones could consider holding lengthy conversations on conventional phones and reserving the hand-held models for shorter conversations or for situations when other types of phones are not available.

People who must conduct extended conversations in their cars every day could switch to a type of mobile phone that places more distance between their bodies and the source of the RF, since the exposure level drops off dramatically with distance. For example, they could switch to:

- a mobile phone in which the antenna is located outside the vehicle
- a hand-held phone with a built-in antenna connected to a different antenna mounted on the outside of the car or built into a separate package
- a headset with a remote antenna to a mobile phone carried at the waist

Again, the scientific data do not demonstrate that mobile phones are harmful. But if people are concerned about the radio frequency energy from these products, taking the simple precautions outlined above can reduce any possible risk.

Where can I find additional information?

For additional information, see the following Web sites:

Federal Communications Commission (FCC) RF Safety Program (select "Information on Human Exposure to RF Fields from Cellular and PCS Radio Transmitters"):

<http://www.fcc.gov/oet/rfsafety>

World Health Organization (WHO) International Commission on Non-Ionizing Radiation Protection (select Qs & As): <http://www.who.int/emf>

United Kingdom, National Radiological Protection Board:

<http://www.nrpb.org.uk>

Cellular Telecommunications Industry Association (CTIA):

<http://www.wow-com.com>

U.S. Food and Drug Administration (FDA) Center for Devices and Radiological Health:

<http://www.fda.gov/cdrh/consumer/>

1. Muscat et al. Epidemiological Study of Cellular Telephone Use and Malignant Brain Tumors. In: State of the Science Symposium; 1999 June 20; Long Beach, California.
2. Tice et al. Tests of mobile phone signals for activity in genotoxicity and other laboratory assays. In: Annual Meeting of the Environmental Mutagen Society; March 29, 1999, Washington, D.C.; and personal communication, unpublished results.
3. Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, and Varey, A. Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. Int. J. Radiat. Biol., April 8, 1999.
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Motorola Limited Warranty for the United States and Canada

What Does this Warranty Cover?

Subject to the exclusions contained below, Motorola, Inc. warrants its telephones, pagers, and consumer and professional two-way radios (excluding commercial, government or industrial radios) that operate via Family Radio Service or General Mobile Radio Service, Motorola-branded or certified accessories sold for use with these Products ("Accessories") and Motorola software contained on CD-ROMs or other tangible media and sold for use with these Products ("Software") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and applies as follows to new Motorola Products, Accessories and Software purchased by consumers in the United States or Canada, which are accompanied by this written warranty:

Products and Accessories

Products Covered	Length of Coverage
Products and Accessories as defined above, unless otherwise provided for below.	One (1) year from the date of purchase by the first consumer purchaser of the product unless otherwise provided for below.
Decorative Accessories and Cases. Decorative covers, bezels, PhoneWrap™ covers and cases.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.
Monaural Headsets. Ear buds and boom headsets that transmit mono sound through a wired connection.	Limited lifetime warranty for the lifetime of ownership by the first consumer purchaser of the product.

Products Covered	Length of Coverage
Consumer and Professional Two-Way Radio Accessories.	Ninety (90) days from the date of purchase by the first consumer purchaser of the product.
Products and Accessories that are Repaired or Replaced.	The balance of the original warranty or for ninety (90) days from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper operation, storage, misuse or abuse, accident or neglect, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (c) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (d) other acts which are not the fault of Motorola, are excluded from coverage.

Use of Non-Motorola Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products, Accessories, Software or other peripheral equipment are excluded from coverage.

Unauthorized Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, or its authorized service centers, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products, Accessories or Software due to any communication service or signal you may subscribe to or use with the Products Accessories or Software is excluded from coverage.

Software

Products Covered	Length of Coverage
Software. Applies only to physical defects in the media that embodies the copy of the software (e.g. CD-ROM, or floppy disk).	Ninety (90) days from the date of purchase.

Exclusions

Software Embodied in Physical Media. No warranty is made that the software will meet your requirements or will work in combination with any hardware or software applications provided by third parties, that the operation of the software products will be uninterrupted or error free, or that all defects in the software products will be corrected.

Software NOT Embodied in Physical Media. Software that is not embodied in physical media (e.g. software that is downloaded from the internet), is provided "as is" and without warranty.

Who is Covered?

This warranty extends only to the first consumer purchaser, and is not transferable.

What Will Motorola Do?

Motorola, at its option, will at no charge repair, replace or refund the purchase price of any Products, Accessories or Software that does not conform to this warranty. We may use functionally equivalent

reconditioned/refurbished/pre-owned or new Products, Accessories or parts. No data, software or applications added to your Product, Accessory or Software, including but not limited to personal contacts, games and ringer tones, will be reinstalled. To avoid losing such data, software and applications please create a back up prior to requesting service.

How to Obtain Warranty Service or Other Information?

USA	Phones 1-800-331-6456 Two-Way Radios 1-800-353-2729 Pagers 1-800-548-9954
Canada	All Products 1-800-461-4575
TTY	1-888-390-6456
For Accessories and Software , please call the telephone number designated above for the product with which they are used.	

You will receive instructions on how to ship the Products, Accessories or Software, at your expense, to a Motorola Authorized Repair Center. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase; (b) a written description of the problem; (c) the name of your service provider, if applicable; (d) the name and location of the installation facility (if applicable) and, most importantly; (e) your address and telephone number.

What Other Limitations Are There?

ANY IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS LIMITED WARRANTY, OTHERWISE THE REPAIR, REPLACEMENT, OR REFUND AS PROVIDED UNDER THIS EXPRESS LIMITED WARRANTY IS THE EXCLUSIVE REMEDY OF THE CONSUMER, AND IS PROVIDED IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. IN NO EVENT SHALL MOTOROLA BE LIABLE, WHETHER IN CONTRACT OR TORT

(INCLUDING NEGLIGENCE) FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE OF THE PRODUCT, ACCESSORY OR SOFTWARE, OR FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR LOSS OF REVENUE OR PROFITS, LOSS OF BUSINESS, LOSS OF INFORMATION OR DATA, SOFTWARE OR APPLICATIONS OR OTHER FINANCIAL LOSS ARISING OUT OF OR IN CONNECTION WITH THE ABILITY OR INABILITY TO USE THE PRODUCTS, ACCESSORIES OR SOFTWARE TO THE FULL EXTENT THESE DAMAGES MAY BE DISCLAIMED BY LAW.

Some states and jurisdictions do not allow the limitation or exclusion of incidental or consequential damages, or limitation on the length of an implied warranty, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights that vary from state to state or from one jurisdiction to another.

Laws in the United States and other countries preserve for Motorola certain exclusive rights for copyrighted Motorola software such as the exclusive rights to reproduce and distribute copies of the Motorola software. Motorola software may only be copied into, used in, and redistributed with, the Products associated with such Motorola software. No other use, including without limitation disassembly of such Motorola software or exercise of the exclusive rights reserved for Motorola, is permitted.

Product Registration

Online Product Registration:

<http://www.motorola.com/warranty>

Product registration is an important step toward enjoying your new Motorola product. Registering helps us facilitate warranty service, and permits us to contact you should your product require an update or other service. Registration is for U.S. residents only and is not required for warranty coverage.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola Personal Communications Product you will need to provide a copy of your dated sales receipt to confirm warranty status.

Thank you for choosing a Motorola product.

Export Law Assurances

This product is controlled under the export regulations of the United States of America and Canada. The Governments of the United States of America and Canada may restrict the exportation or re-exportation of this product to certain destinations. For further information contact the U.S. Department of Commerce or the Canadian Department of Foreign Affairs and International Trade.

RF Energy Interference

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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MOTOROLA

Wireless Phone Safety Tips

"Safety is your most important call!"

Your Motorola wireless telephone gives you the powerful ability to communicate by voice—almost anywhere, anytime, wherever wireless phone service is available and safe conditions allow. But an important responsibility accompanies the benefits of wireless phones, one that every user must uphold.

When driving a car, driving is your first responsibility. If you find it necessary to use your wireless phone while behind the wheel of a car, practice good common sense and remember the following tips:

- 1 Get to know your Motorola wireless phone and its features such as speed dial and redial. If available, these features help you to place your call without taking your attention off the road.



- 2 When available, use a hands-free device.** If possible, add an additional layer of convenience to your wireless phone with one of the many Motorola Original™ hands-free accessories available today.
- 3 Position your wireless phone within easy reach.** Be able to access your wireless phone without removing your eyes from the road. If you receive an incoming call at an inconvenient time, if possible, let your voice mail answer it for you.
- 4 Let the person you are speaking with know you are driving; if necessary, suspend the call in heavy traffic or hazardous weather conditions.** Rain, sleet, snow, ice, and even heavy traffic can be hazardous.
- 5 If you receive an incoming call at an inconvenient time do not take notes or look up phone numbers while driving.** Jotting down a “to do” list or going through your address book takes attention away from your primary responsibility—driving safely.
- 6 Dial sensibly and assess the traffic; if possible, place calls when you are not moving or before pulling into traffic.** Try to plan calls when your car will be stationary. If you need to make a call while moving, dial only a few numbers, check the road and your mirrors, then continue.
- 7 Do not engage in stressful or emotional conversations that may be distracting.** Make people you are talking with aware you are driving and suspend conversations which have the potential to divert your attention away from the road.



- 8 Use your wireless phone to call for help.** Dial 9-1-1 or other local emergency number in the case of fire, traffic accident or medical emergencies.*
- 9 Use your wireless phone to help others in emergencies.** If you see an auto accident, crime in progress or other serious emergency where lives are in danger, call 9-1-1 or other local emergency number, as you would want others to do for you.*
- 10 Call roadside assistance or a special non-emergency wireless assistance number when necessary.** If you see a broken-down vehicle posing no serious hazard, a broken traffic signal, a minor traffic accident where no one appears injured, or a vehicle you know to be stolen, call roadside assistance or other special non-emergency wireless number.*

* Wherever wireless phone service is available.

Check the laws and regulations on the use of wireless telephones and their accessories in the areas where you drive. Always obey them. The use of these devices may be prohibited or restricted in certain areas.

For more information,
please call
1-888-901-SAFE
or visit the
CTIA Web site at
[www.wow-com.com™](http://www.wow-com.com)



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